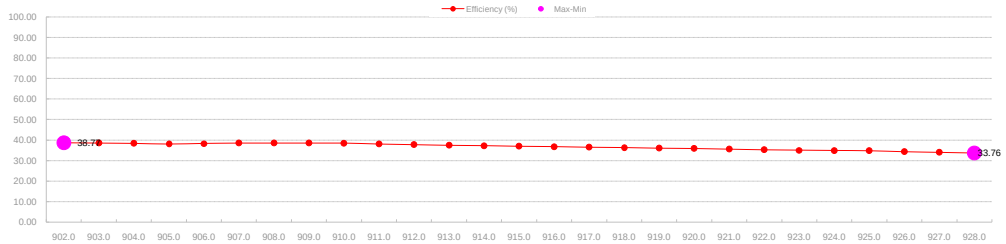
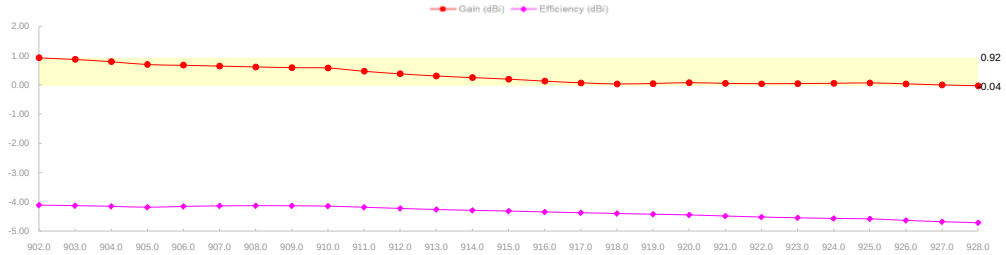
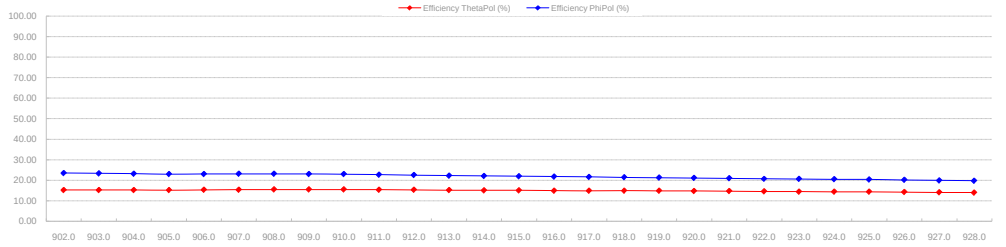
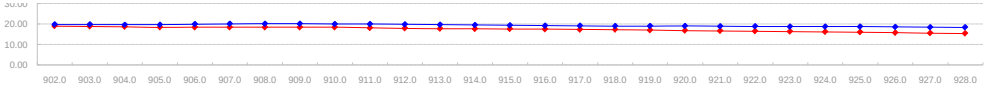
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Frequency (MHz)	902.0	903.0	904.0	905.0	906.0	907.0	908.0	909.0	910.0	911.0	912.0	913.0	914.0	915.0	916.0	917.0	918.0	919.0	920.0	921.0	922.0	923.0	924.0	925.0	926.0	927.0	928.0
Efficiency (dBi)	-4.11	-4.13	-4.15	-4.19	-4.16	-4.14	-4.13	-4.14	-4.15	-4.19	-4.23	-4.26	-4.29	-4.32	-4.35	-4.37	-4.40	-4.42	-4.45	-4.49	-4.52	-4.55	-4.57	-4.58	-4.64	-4.68	-4.72
Gain (dBi)	0.92	0.87	0.79	0.69	0.67	0.64	0.61	0.58	0.57	0.46	0.37	0.30	0.24	0.19	0.12	0.06	0.02	0.04	0.07	0.04	0.03	0.04	0.05	0.06	0.03	-0.01	-0.04
Efficiency (%)	38.77	38.62	38.42	38.14	38.39	38.55	38.60	38.58	38.47	38.13	37.79	37.47	37.22	37.02	36.76	36.53	36.31	36.11	35.91	35.60	35.31	35.11	34.92	34.82	34.39	34.04	33.76
Directivity (dB)	5.04	5.00	4.94	4.88	4.82	4.78	4.74	4.72	4.72	4.65	4.60	4.56	4.53	4.50	4.47	4.43	4.42	4.46	4.52	4.53	4.55	4.58	4.61	4.64	4.66	4.67	4.68
Peak Gain Position (Theta)	32.00	32.00	32.00	32.00	32.00	33.00	33.00	33.00	33.00	33.00	34.00	34.00	34.00	34.00	35.00	143.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00	144.00
Peak Gain Position (Phi)	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	6.00	6.00	155.00	146.00	146.00	146.00	145.00	145.00	145.00	145.00	145.00	145.00	145.00	145.00
Efficiency ThetaPol (%)	15.27	15.26	15.22	15.16	15.30	15.40	15.48	15.50	15.49	15.40	15.30	15.20	15.12	15.06	14.96	14.89	14.91	14.85	14.79	14.67	14.56	14.49	14.42	14.39	14.22	14.08	13.97
Efficiency PhiPol (%)	23.50	23.36	23.20	22.98	23.09	23.14	23.12	23.08	22.98	22.73	22.49	22.27	22.10	21.97	21.80	21.64	21.40	21.25	21.12	20.93	20.75	20.62	20.50	20.43	20.17	19.96	19.79
Upper Hem. Efficiency (%)	19.00	18.88	18.68	18.41	18.46	18.46	18.44	18.42	18.44	18.14	17.90	17.74	17.65	17.61	17.50	17.39	17.29	17.08	16.82	16.68	16.50	16.33	16.17	16.06	15.78	15.57	15.40
Lower Hem. Efficiency (%)	19.78	19.75	19.74	19.73	19.93	20.09	20.17	20.16	20.03	19.99	19.88	19.73	19.57	19.42	19.25	19.14	19.03	19.02	19.08	18.92	18.82	18.77	18.75	18.76	18.61	18.47	18.36
T90(H)roundness	11.40	11.28	11.18	11.09	10.99	10.90	10.84	10.78	10.75	10.70	10.65	10.59	10.53	10.46	10.42	10.46	9.68	9.77	9.84	9.91	9.98	10.01	10.04	10.05	10.07	10.08	10.10
Gain 15deg (dBi)																											
E1(XZ)beam width	35.00	35.00	35.00	36.00	36.00	36.00	36.00	37.00	37.00	37.00	37.00	38.00	38.00	38.00	38.00	39.00	41.00	42.00	43.00	43.00	44.00	43.00	44.00	44.00	45.00	45.00	45.00
E1(XZ)front-to-rear ratio	1.71	1.65	1.56	1.45	1.37	1.31	1.24	1.20	1.20	1.07	0.98	0.91	0.88	0.84	0.79	0.71	1.52	1.38	1.21	1.11	0.99	0.85	0.71	0.56	0.41	0.27	0.13
E2(YZ)beam width	141.00	141.00	141.00	141.00	140.00	140.00	140.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	146.00	146.00	146.00	145.00	145.00	145.00	145.00	145.00	144.00	143.00	143.00
E2(YZ)front-to-rear ratio	2.36	2.34	2.31	2.25	2.23	2.21	2.17	2.16	2.15	2.10	2.07	2.06	2.06	2.03	1.99	1.95	1.41	1.35	1.29	1.25	1.19	1.14	1.09	1.05	1.02	1.01	1.00
Maximum benefit axis ratio	9.78	9.62	9.47	9.35	9.23	9.40	9.32	9.21	9.13	9.05	8.99	9.17	9.10	9.03	8.98	5.05	7.79	7.76	7.72	7.61	7.59	7.57	7.55	7.53	7.53	7.52	7.52
peak(Theta=0)Axial ratio(P)	13.78	14.07	14.45	14.98	16.08	17.33	18.34	19.97	21.96	24.27	27.91	34.59	39.97	27.73	23.47	20.42	9.96	11.46	13.10	15.20	17.79	21.55	26.66	38.19	35.67	29.03	24.29
elevation 10° axial ratio(P)	49.88	51.03	52.20	48.64	56.70	60.79	63.84	51.12	54.99	49.50	43.80	66.89	42.20	44.19	83.99	45.87	40.37	39.71	40.13	40.40	37.92	37.81	36.41	38.27	40.91	52.30	45.91
Hc(XY)beam width	114.00	114.00	116.00	116.00	117.00	118.00	118.00	119.00	119.00	119.00	120.00	120.00	120.00	121.00	122.00	121.00	123.00	122.00	122.00	121.00	120.00	100.00	99.00	98.00	97.00	97.00	97.00
Hc(XY)front-to-rear ratio	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Left-handed circular polarization efficiency(%)	20.33	20.23	20.09	19.91	20.02	20.08	20.09	20.05	19.98	19.75	19.52	19.31	19.14	18.99	18.79	18.60	21.35	21.12	20.87	20.59	20.31	20.07	19.85	19.67	19.31	19.02	18.78
Right-handed circular polarization efficiency(%)	18.44	18.40	18.33	18.23	18.36	18.47	18.52	18.53	18.49	18.38	18.27	18.16	18.08	18.04	17.97	17.93	14.96	14.99	15.03	15.01	15.00	15.03	15.08	15.15	15.08	15.02	14.99
Empty																											







Xiamen Milesight IoT Co., Ltd.
Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China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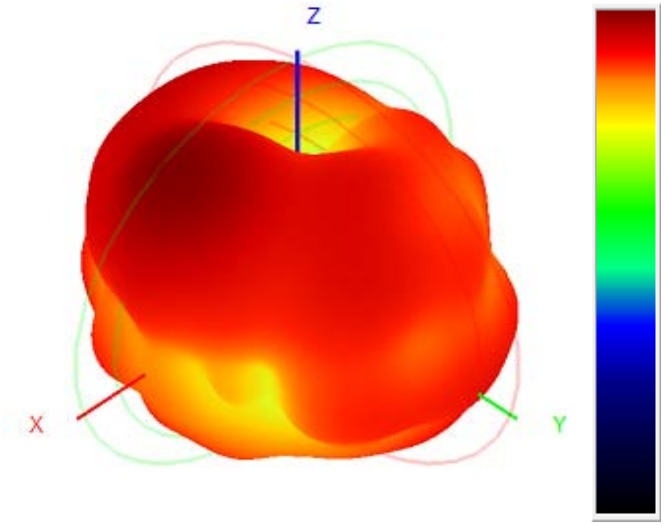
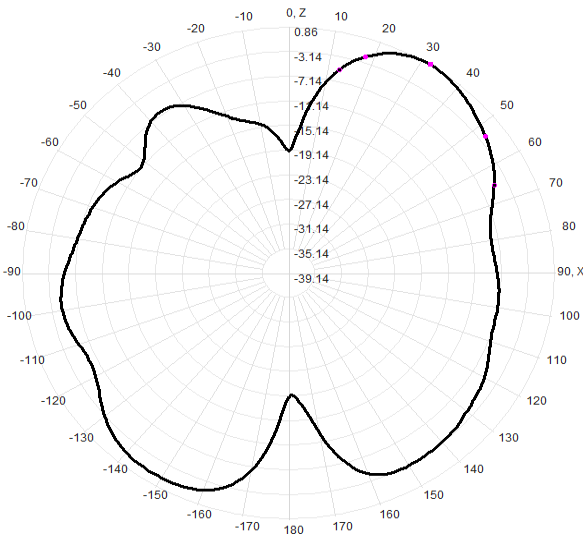
928.0

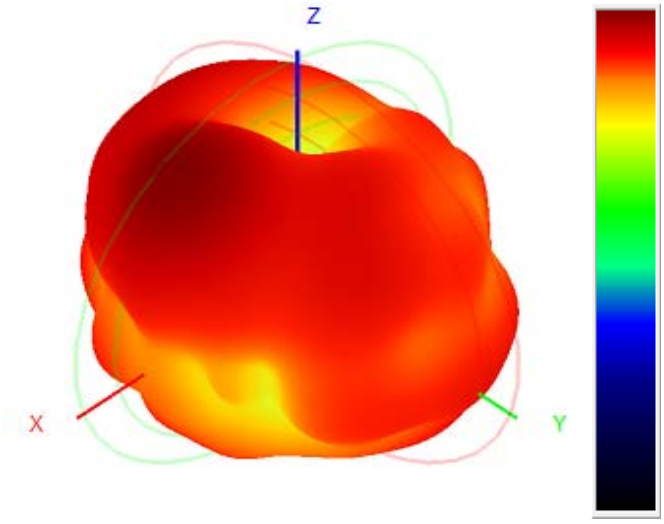
902.0MHz H+V, Eff: 38.8%



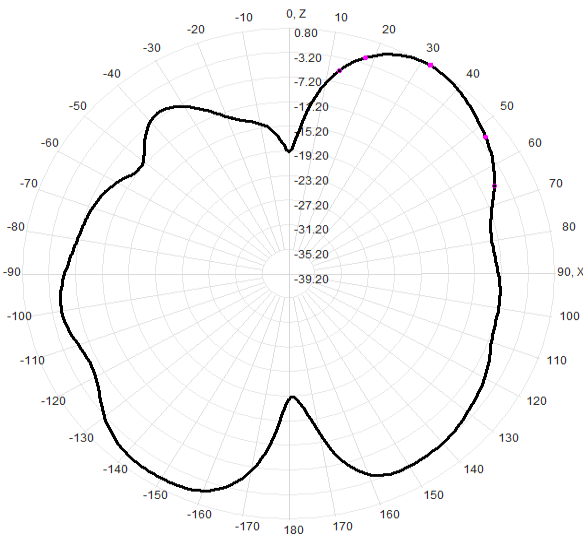
902.0MHz Total(E1-XZ), Max= 0.86dBi



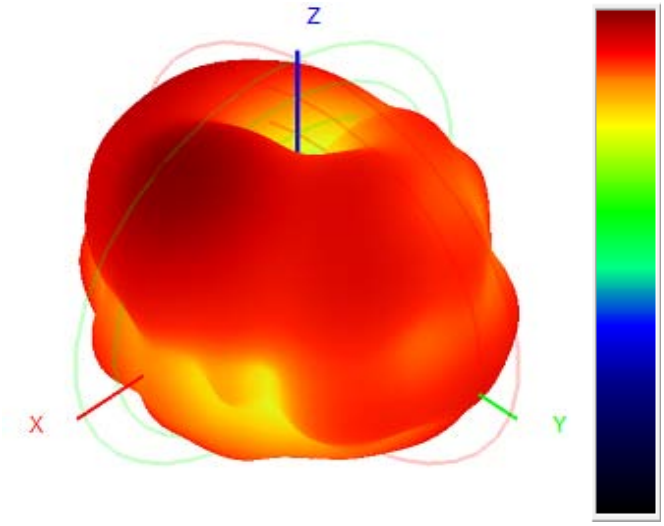
903.0MHz H+V, Eff: 38.6%



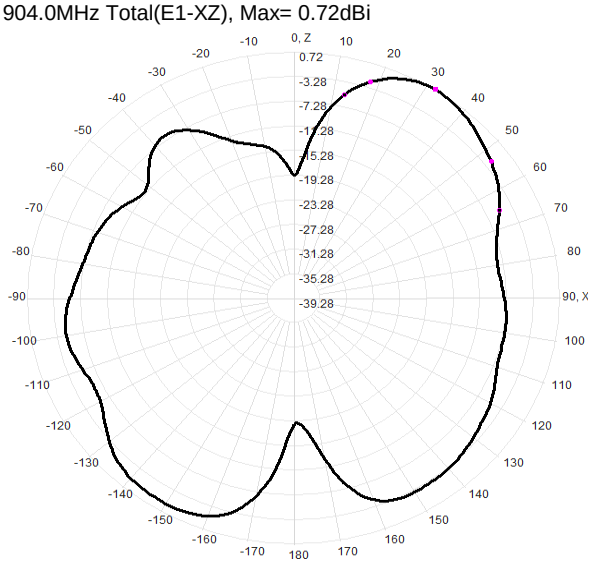
903.0MHz Total(E1-XZ), Max= 0.80dBi



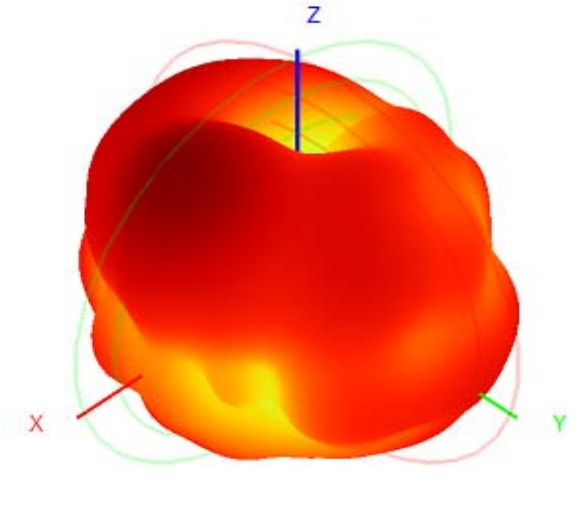
904.0MHz H+V, Eff: 38.4%



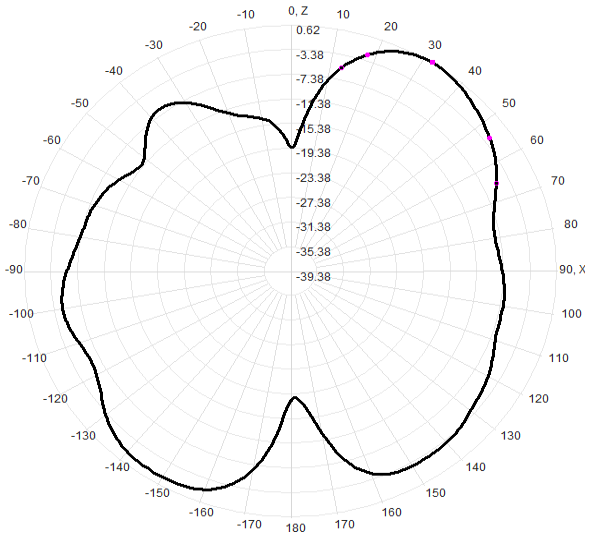
904.0MHz Total(E1-XZ), Max= 0.72dBi



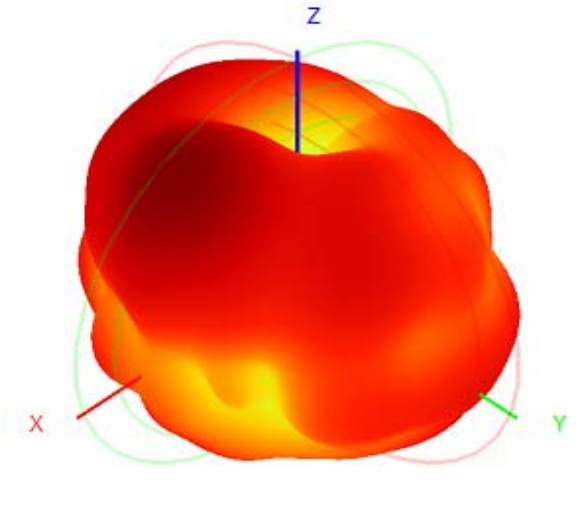
905.0MHz H+V, Eff: 38.1%



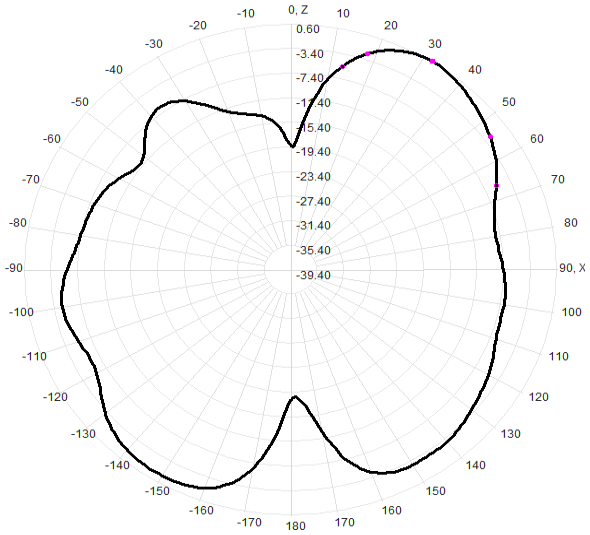
905.0MHz Total(E1-XZ), Max= 0.62dBi



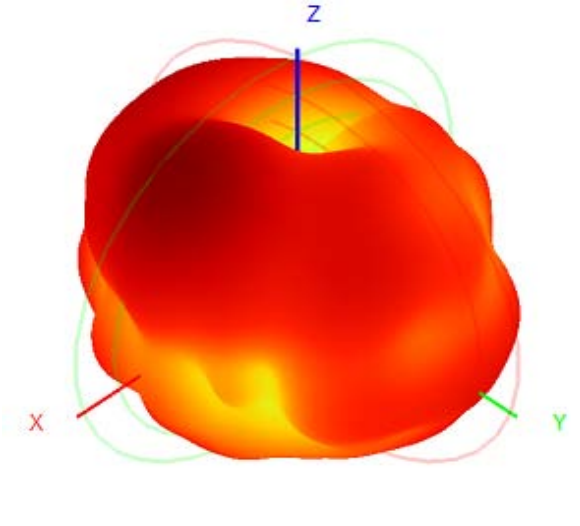
906.0MHz H+V, Eff: 38.4%



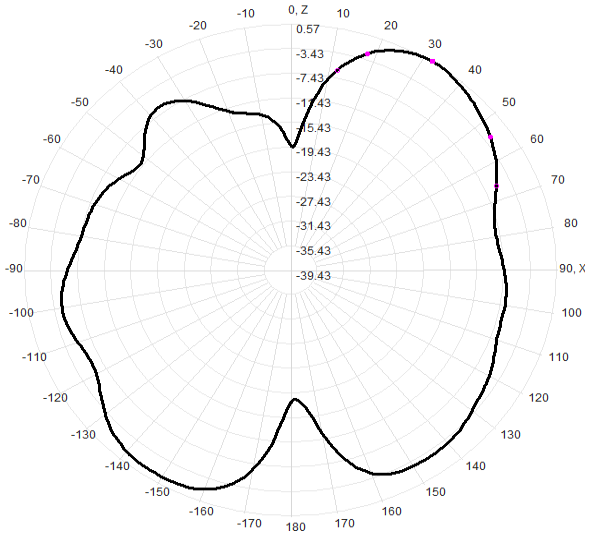
906.0MHz Total(E1-XZ), Max= 0.60dBi



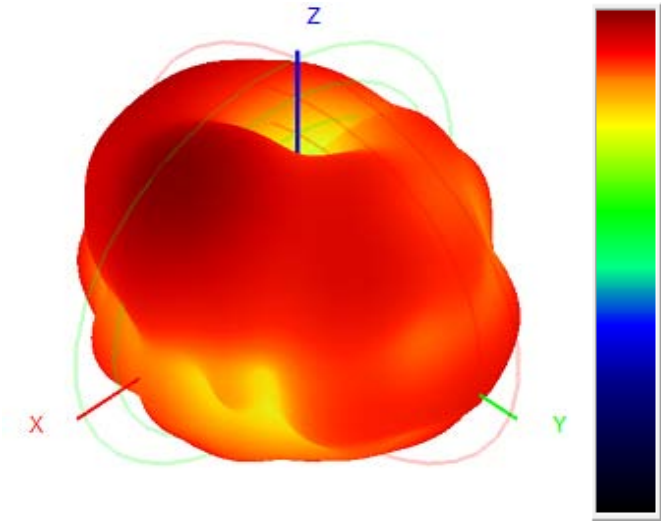
907.0MHz H+V, Eff: 38.5%



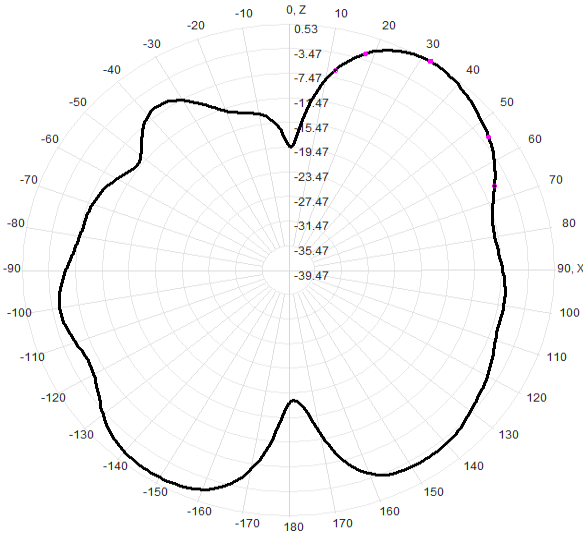
907.0MHz Total(E1-XZ), Max= 0.57dBi



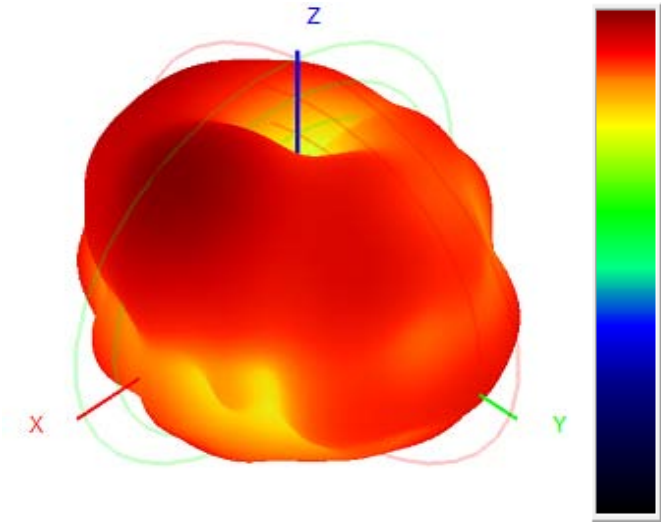
908.0MHz H+V, Eff: 38.6%



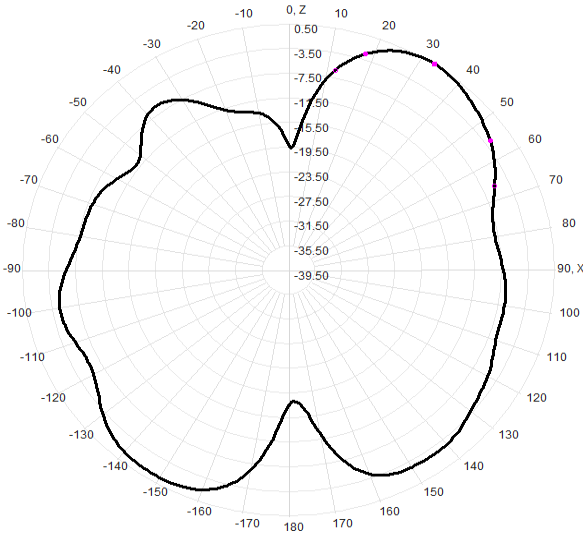
908.0MHz Total(E1-XZ), Max= 0.53dBi



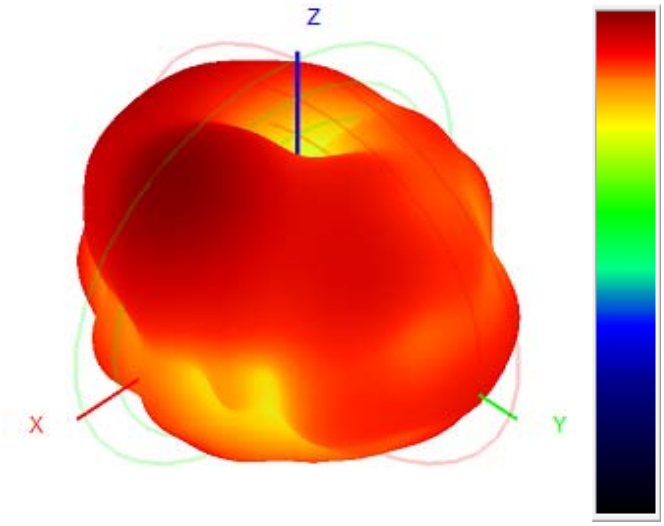
909.0MHz H+V, Eff: 38.6%



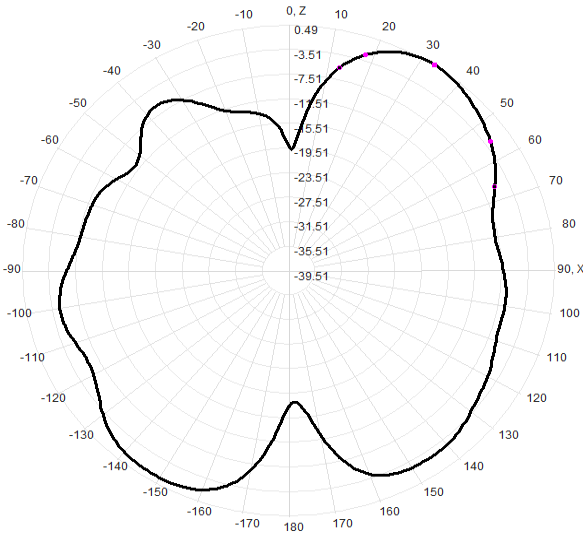
909.0MHz Total(E1-XZ), Max= 0.50dBi



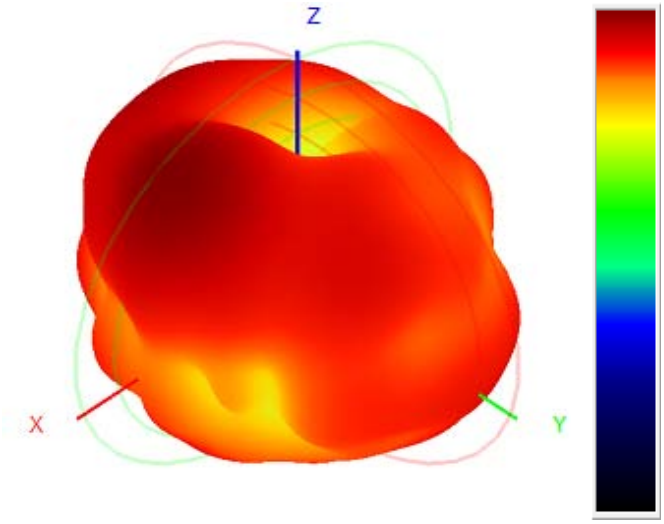
910.0MHz H+V, Eff: 38.5%



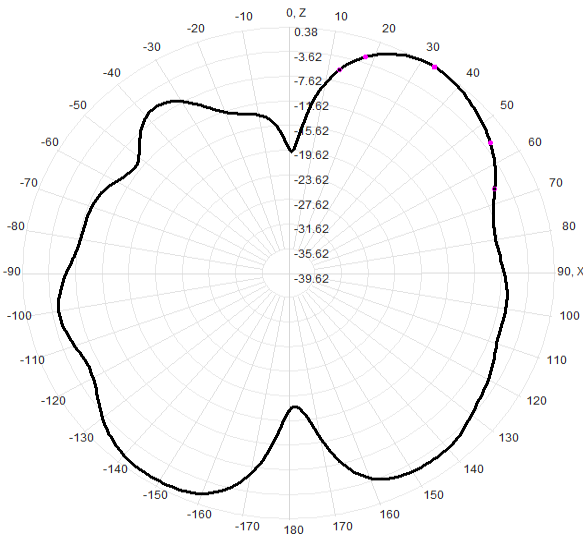
910.0MHz Total(E1-XZ), Max= 0.49dBi



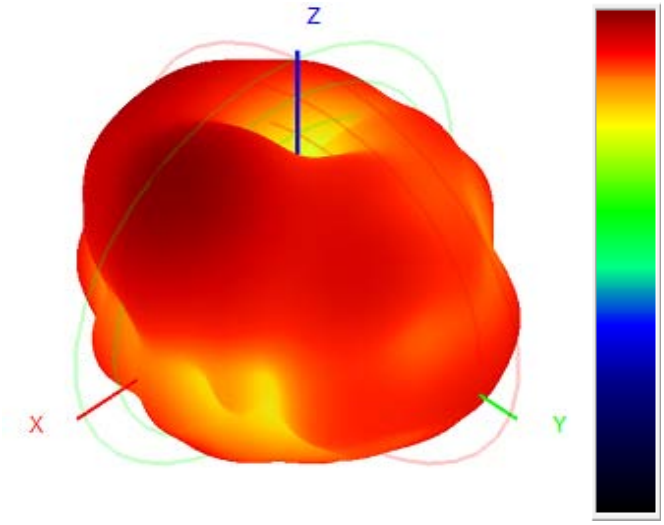
911.0MHz H+V, Eff: 38.1%



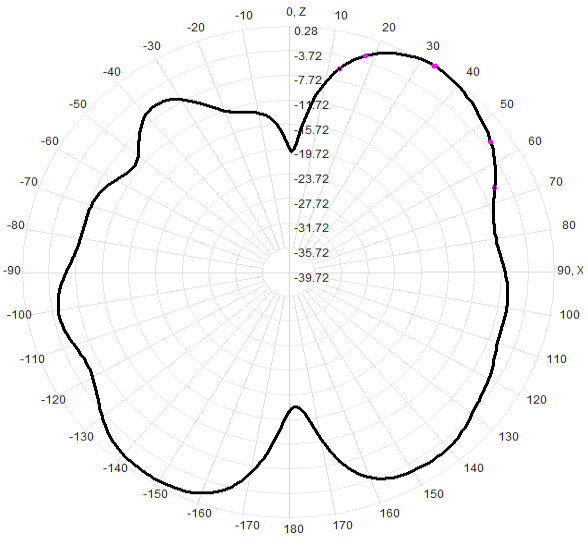
911.0MHz Total(E1-XZ), Max= 0.38dBi



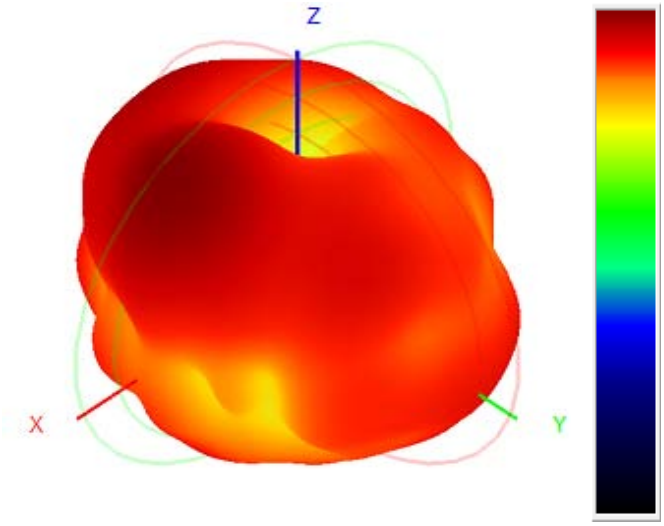
912.0MHz H+V, Eff: 37.8%



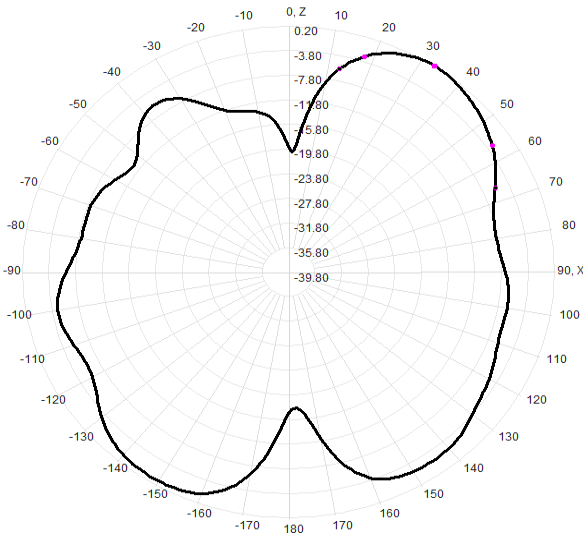
912.0MHz Total(E1-XZ), Max= 0.28dBi



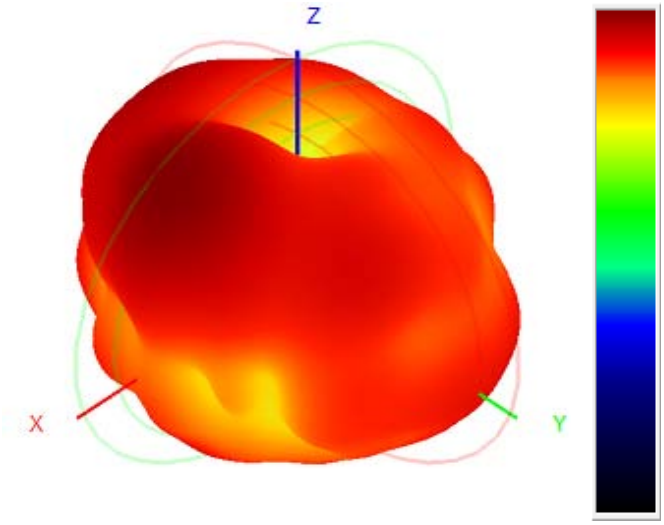
913.0MHz H+V, Eff: 37.5%



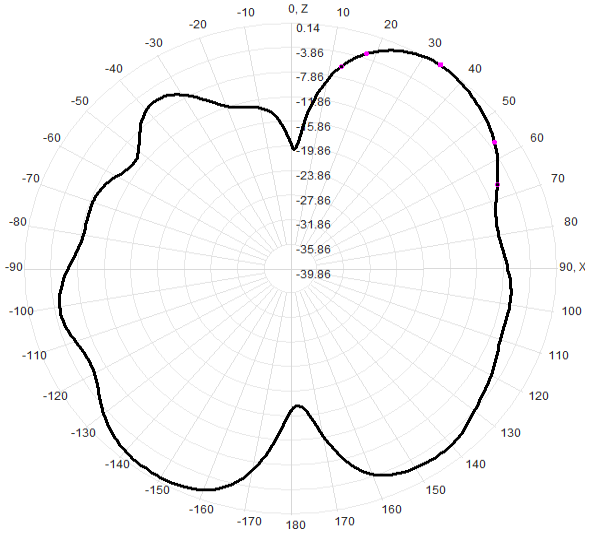
913.0MHz Total(E1-XZ), Max= 0.20dBi



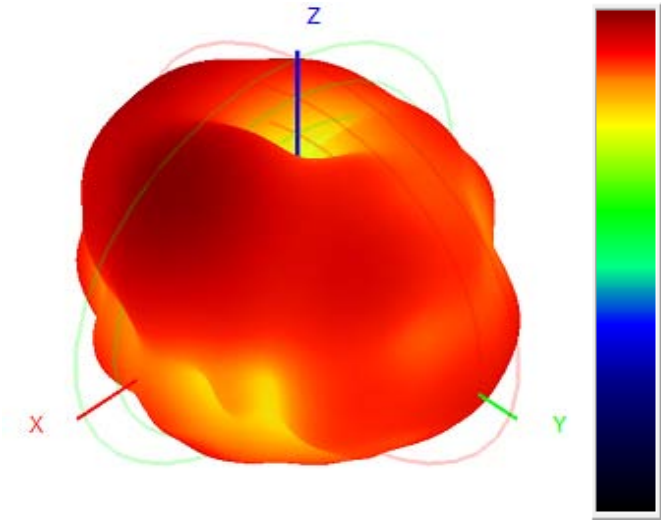
914.0MHz H+V, Eff: 37.2%



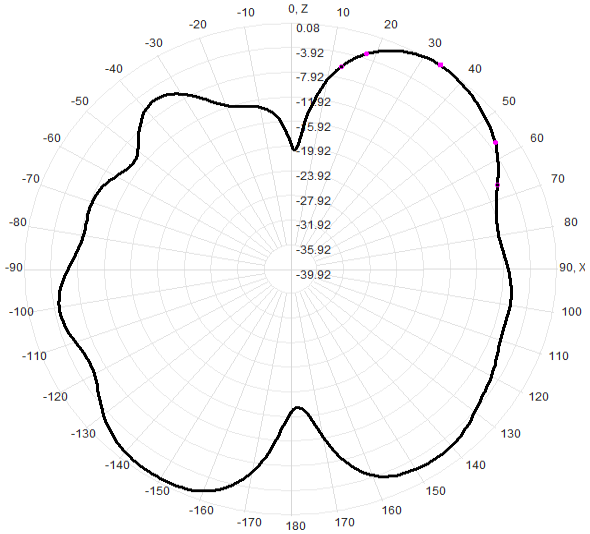
914.0MHz Total(E1-XZ), Max= 0.14dBi



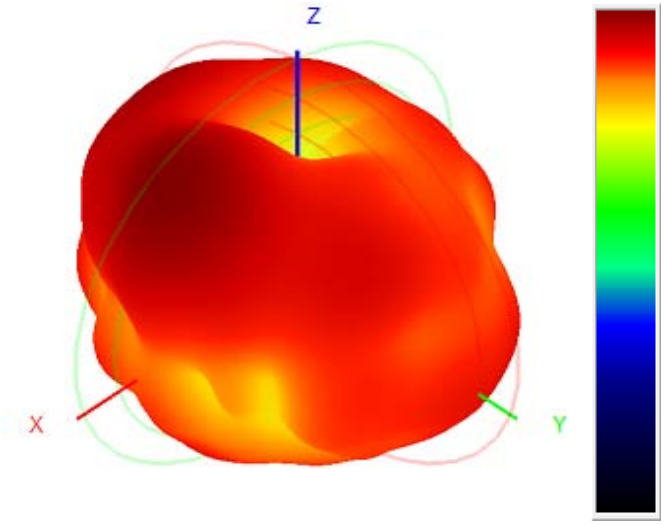
915.0MHz H+V, Eff: 37.0%



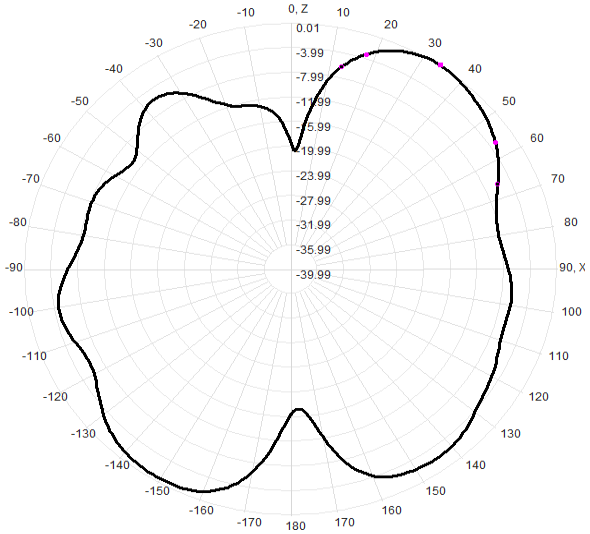
915.0MHz Total(E1-XZ), Max= 0.08dBi



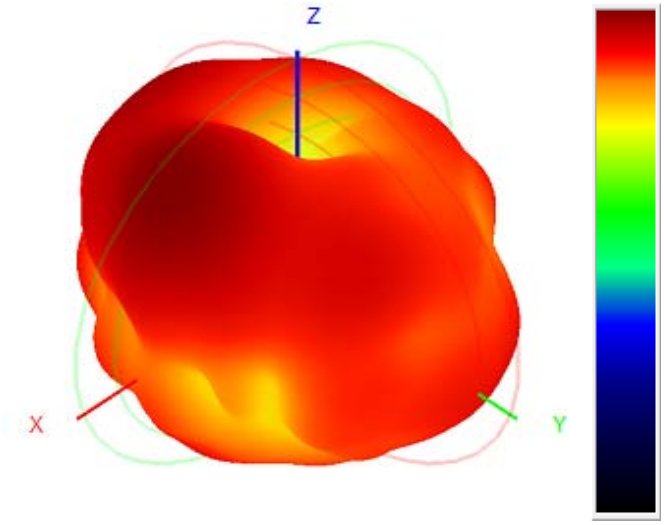
916.0MHz H+V, Eff: 36.8%



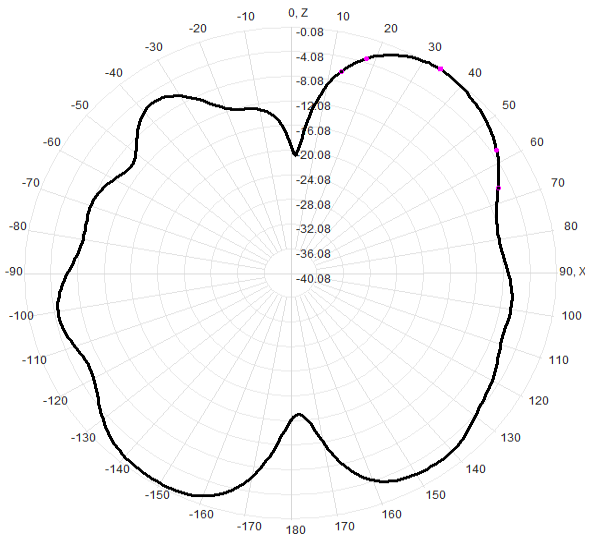
916.0MHz Total(E1-XZ), Max= 0.01dBi



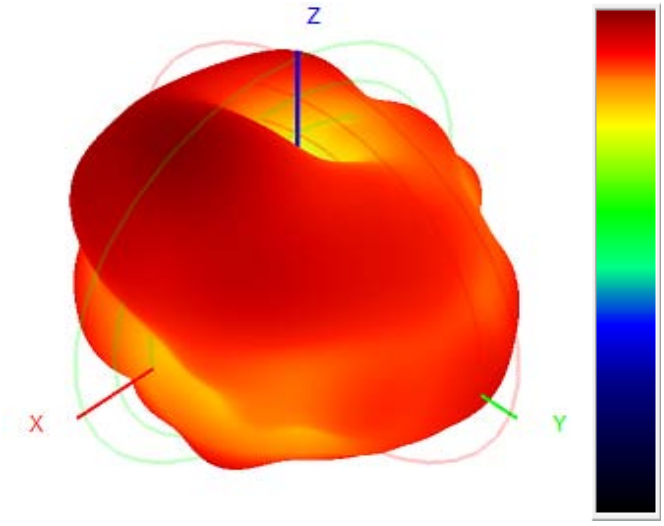
917.0MHz H+V, Eff: 36.5%



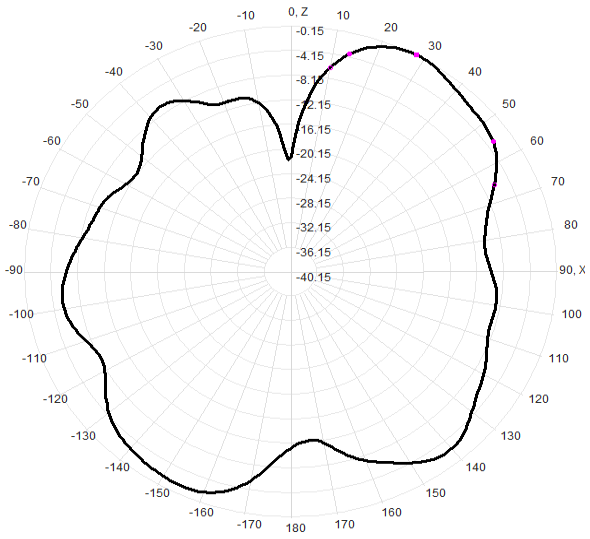
917.0MHz Total(E1-XZ), Max= -0.08dBi



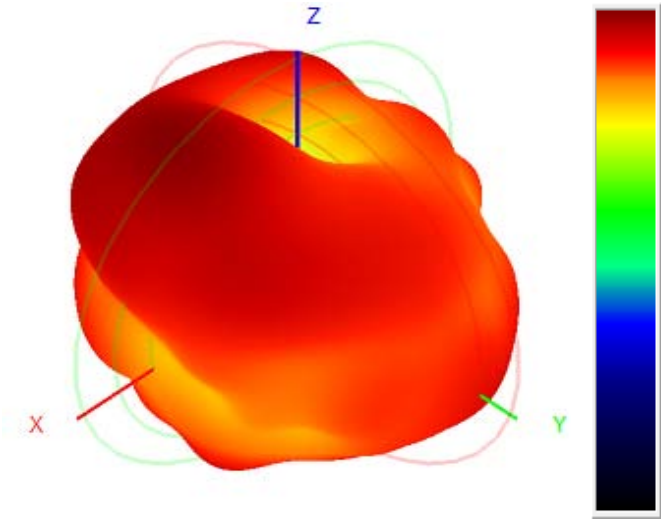
918.0MHz H+V, Eff: 36.3%



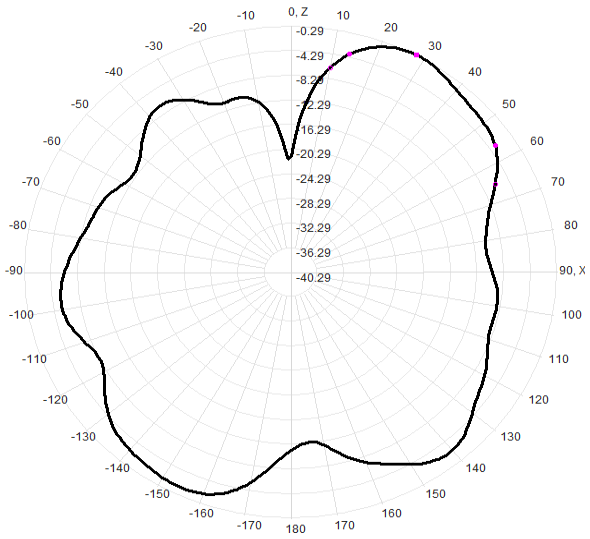
918.0MHz Total(E1-XZ), Max= -0.15dBi



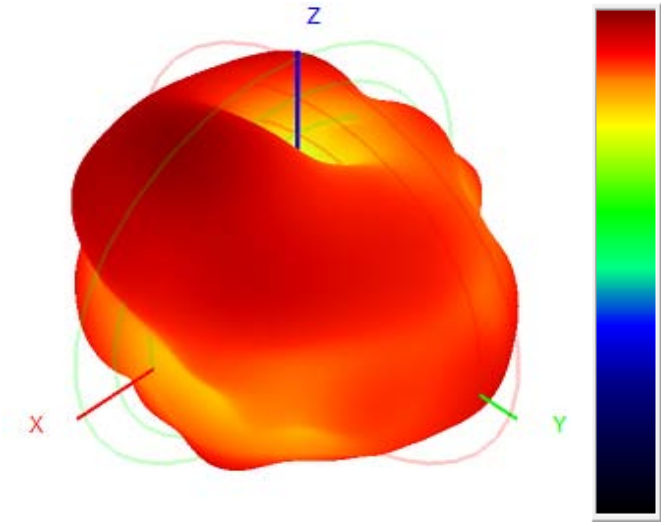
919.0MHz H+V, Eff: 36.1%



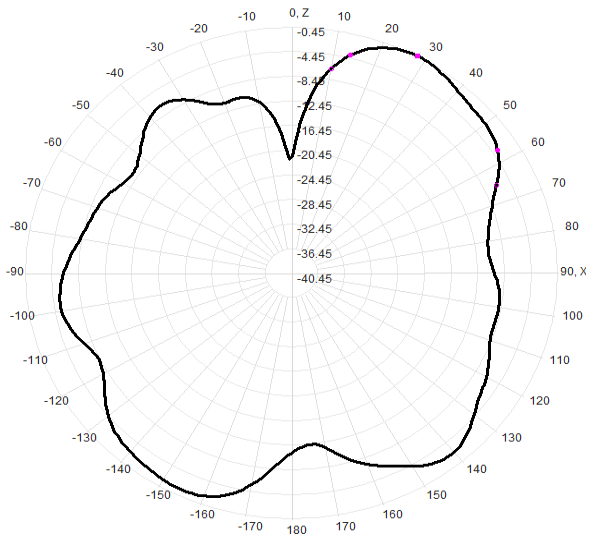
919.0MHz Total(E1-XZ), Max= -0.29dBi



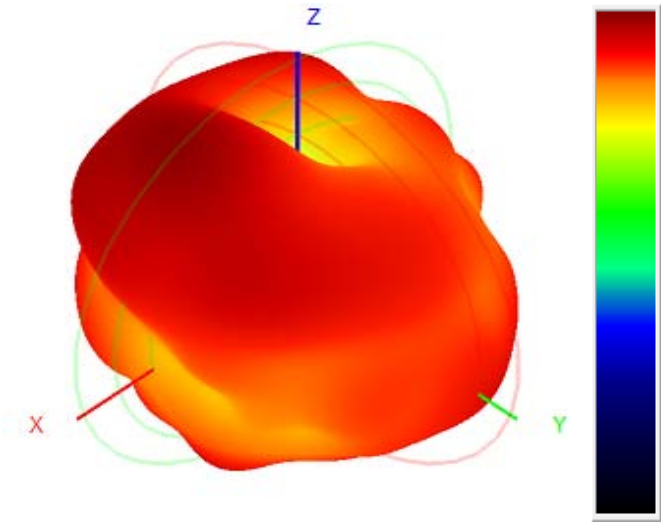
920.0MHz H+V, Eff: 35.9%



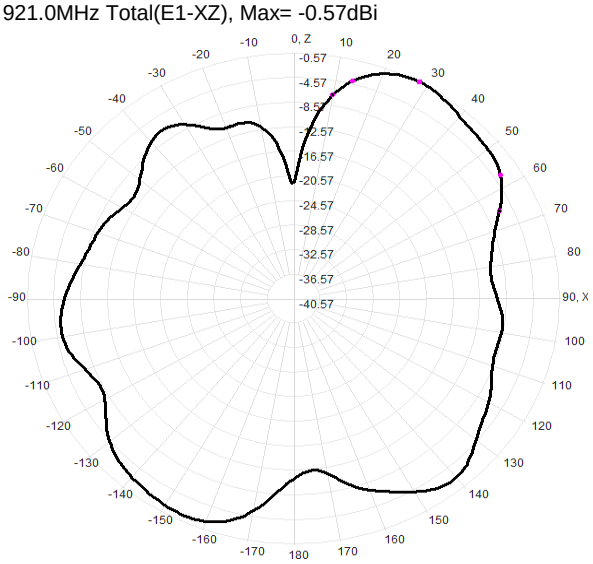
920.0MHz Total(E1-XZ), Max= -0.45dBi



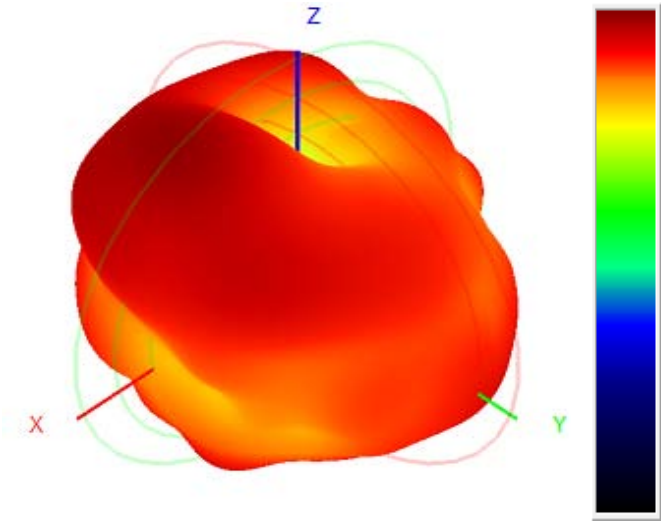
921.0MHz H+V, Eff: 35.6%



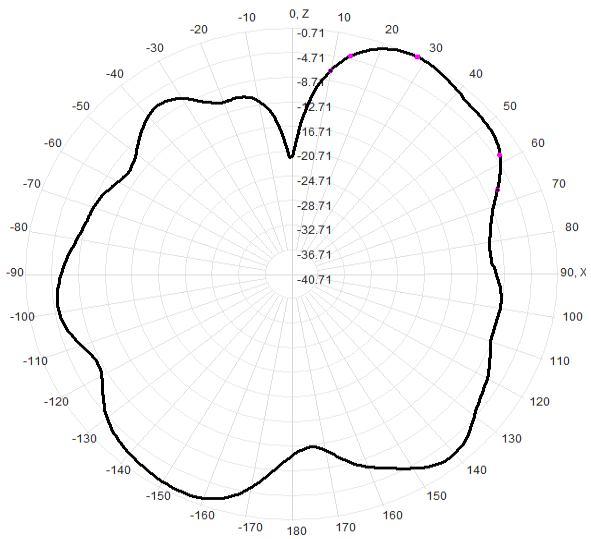
921.0MHz Total(E1-XZ), Max= -0.57dBi



922.0MHz H+V, Eff: 35.3%

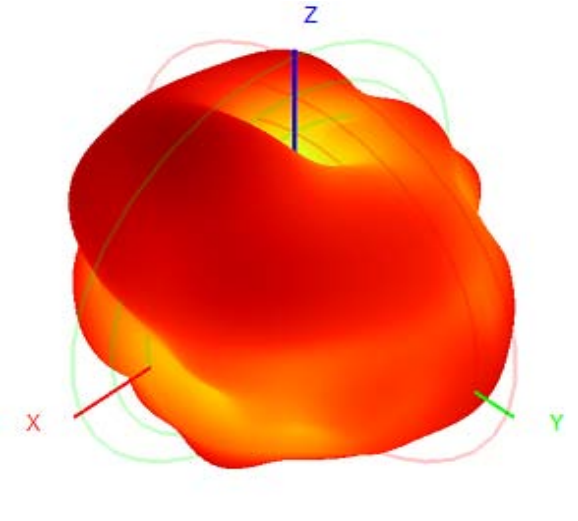


922.0MHz Total(E1-XZ), Max= -0.71dBi

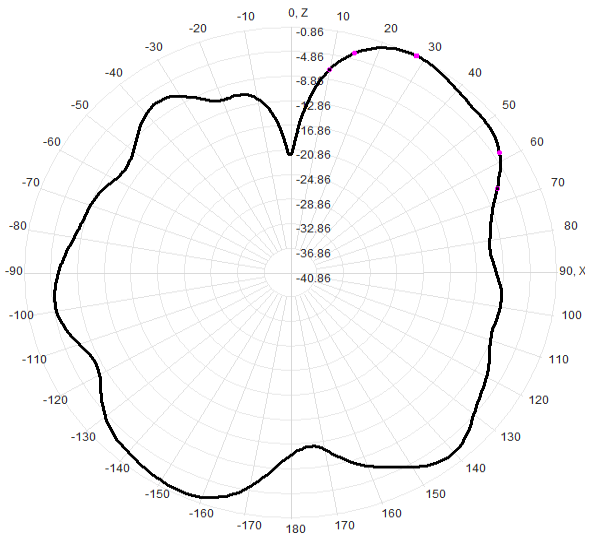


-31.28

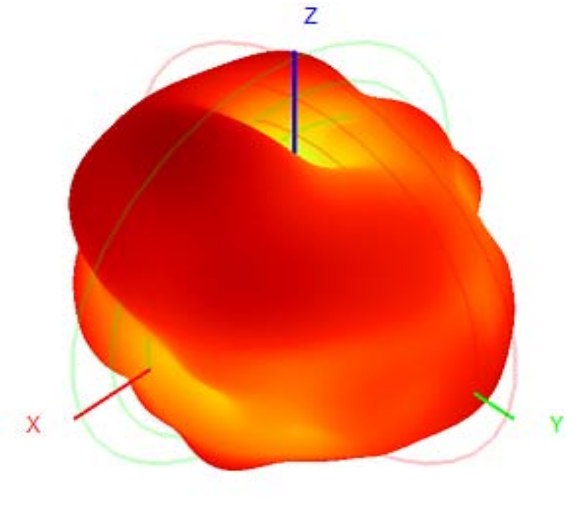
923.0MHz H+V, Eff: 35.1%



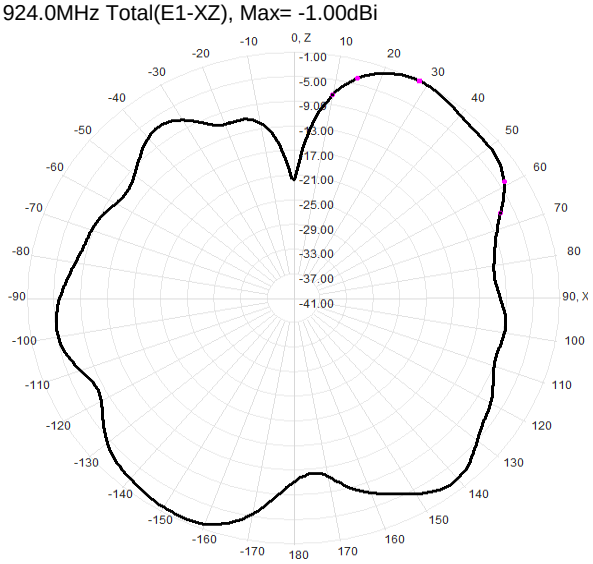
923.0MHz Total(E1-XZ), Max= -0.86dBi



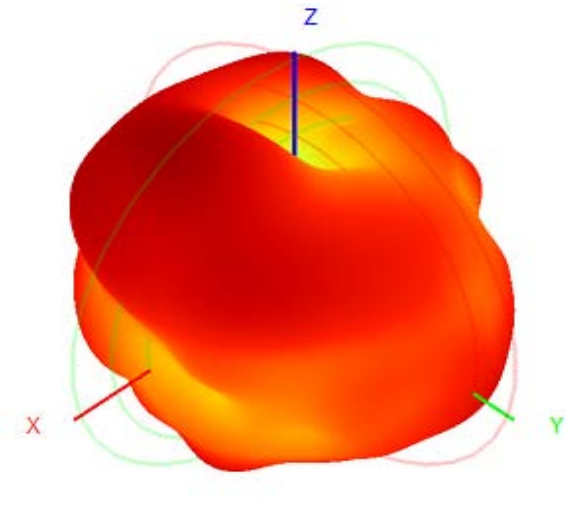
924.0MHz H+V, Eff: 34.9%



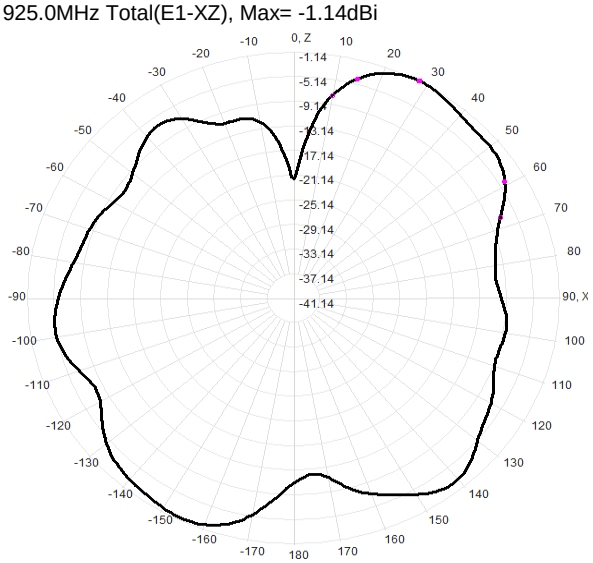
924.0MHz Total(E1-XZ), Max= -1.00dBi



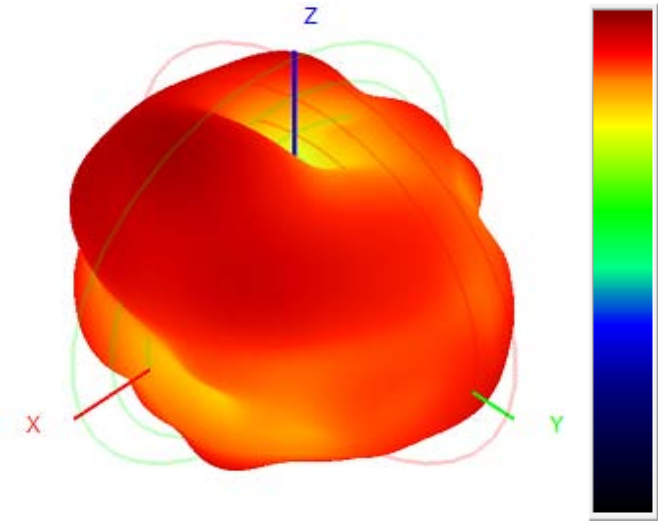
925.0MHz H+V, Eff: 34.8%



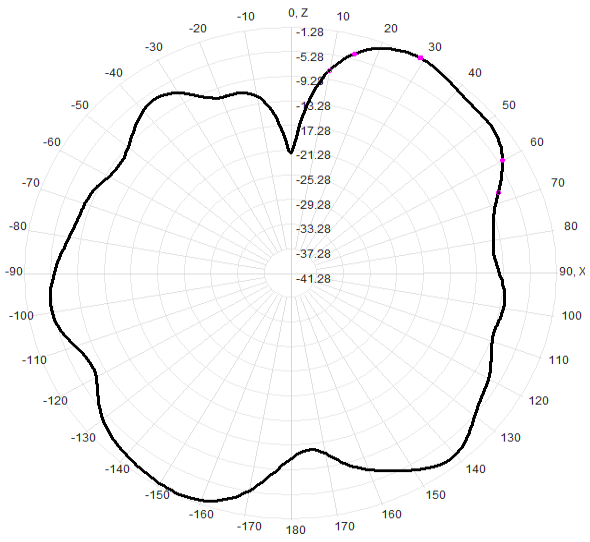
925.0MHz Total(E1-XZ), Max= -1.14dBi



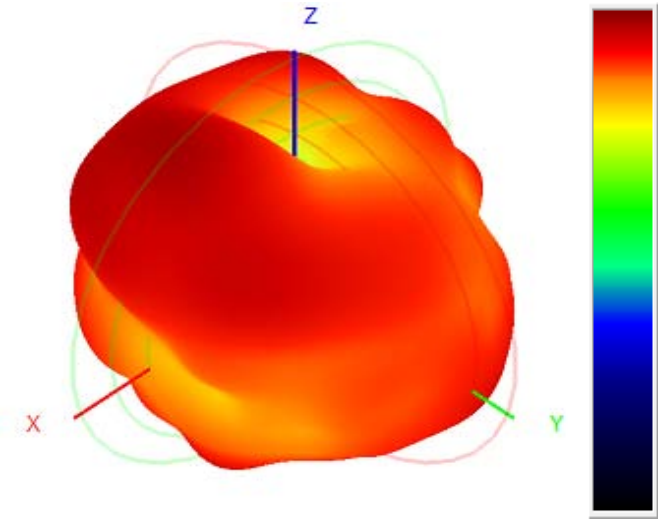
926.0MHz H+V, Eff: 34.4%



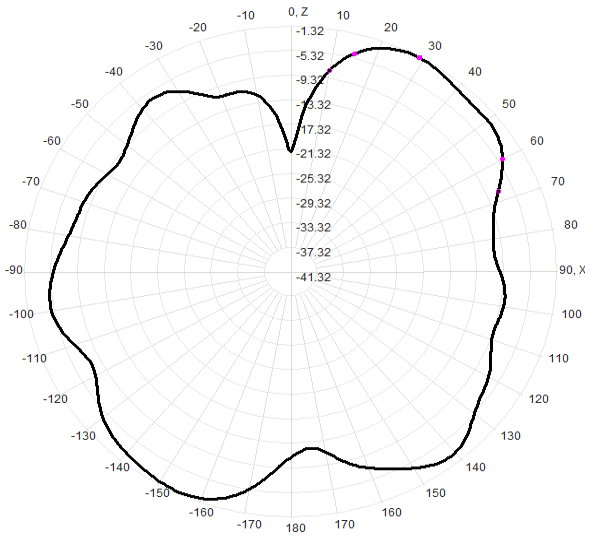
926.0MHz Total(E1-XZ), Max= -1.33dBi



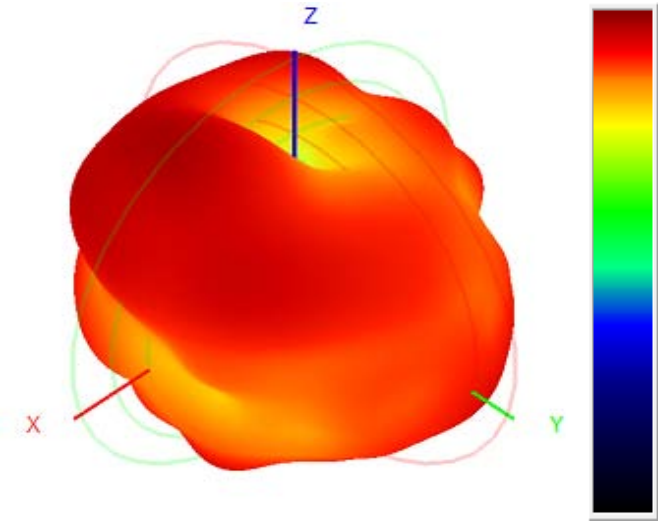
927.0MHz H+V, Eff: 34.0%



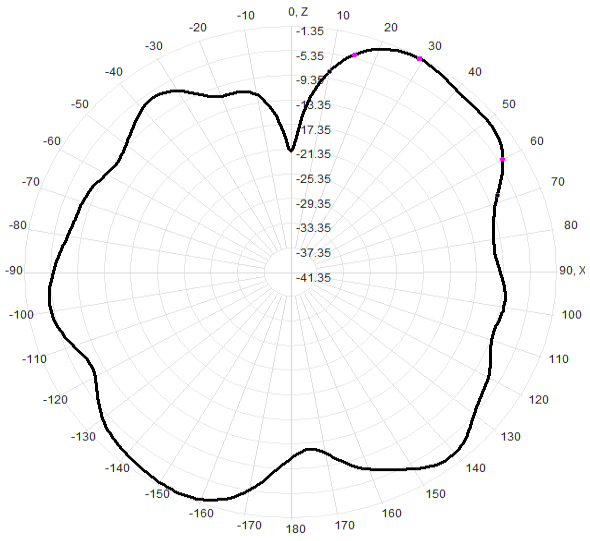
927.0MHz Total(E1-XZ), Max= -1.49dBi

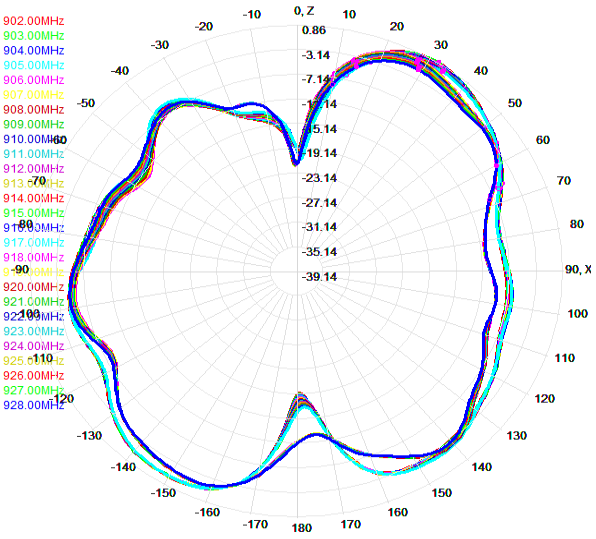


928.0MHz H+V, Eff: 33.8%

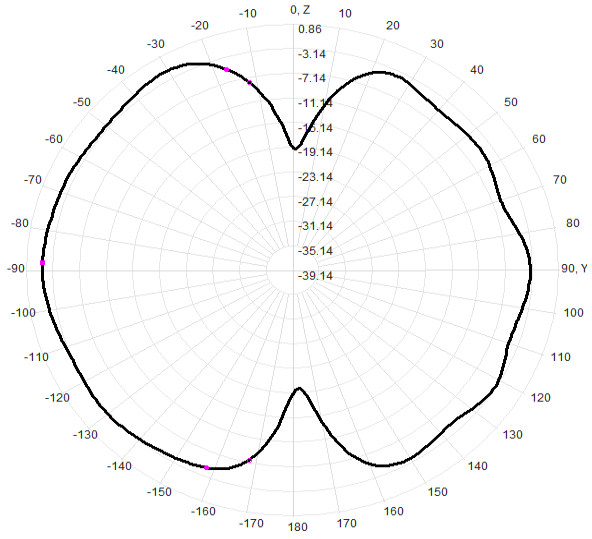


928.0MHz Total(E1-XZ), Max= -1.66dBi

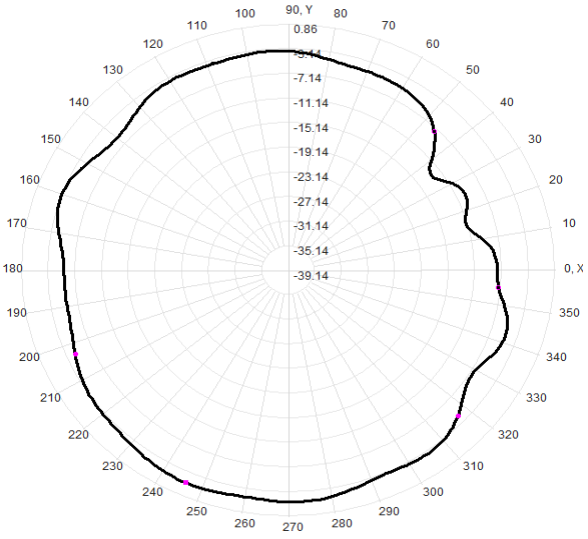



902.00MHz
903.00MHz
904.00MHz
905.00MHz
906.00MHz
907.00MHz
908.00MHz
909.00MHz
910.00MHz
911.00MHz
912.00MHz
913.00MHz
914.00MHz
915.00MHz
916.00MHz
917.00MHz
918.00MHz
919.00MHz
920.00MHz
921.00MHz
922.00MHz
923.00MHz
924.00MHz
925.00MHz
926.00MHz
927.00MHz
928.00MHz
0, Z
0.86
-3.14
-7.14
-11.14
-15.14
-19.14
-23.14
-27.14
-31.14
-35.14
-39.14
90, X

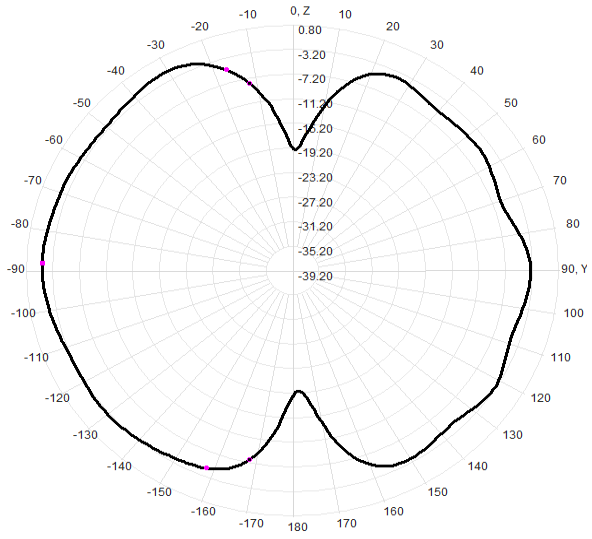
902.0MHz Total(E2-YZ), Max= -1.58dBi



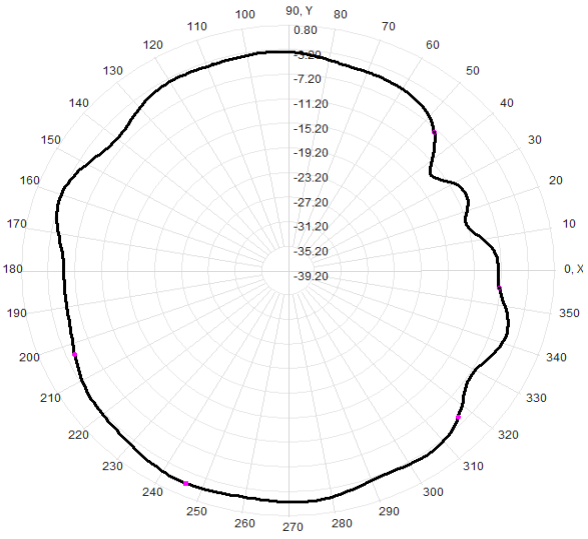
Total(H-XY), Max= -1.41dBi, CirD=11.40



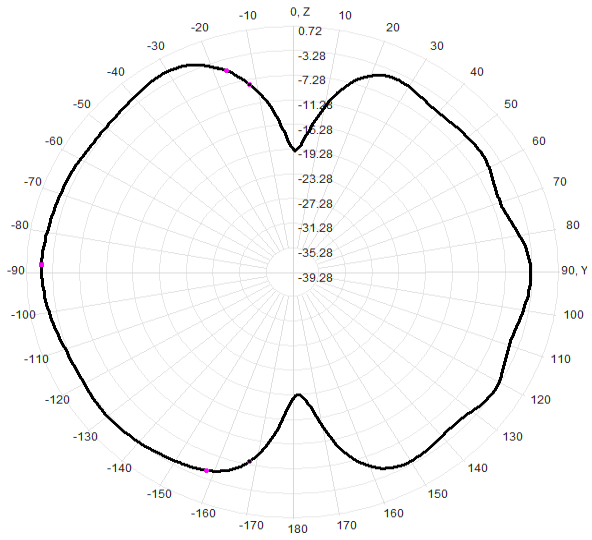
903.0MHz Total(E2-YZ), Max= -1.59dBi



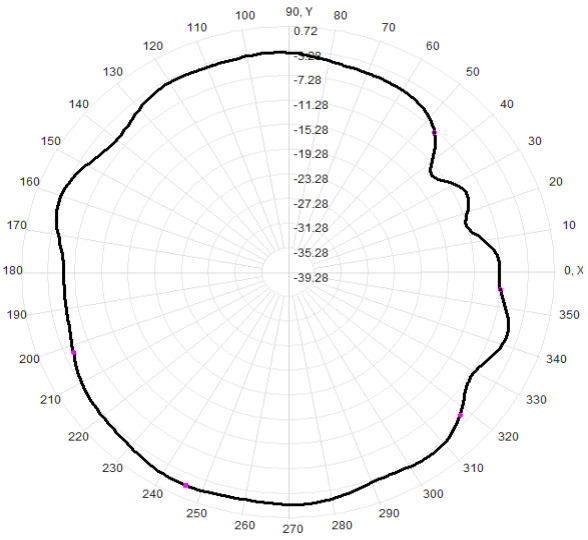
Total(H-XY), Max= -1.43dBi, CirD=11.28



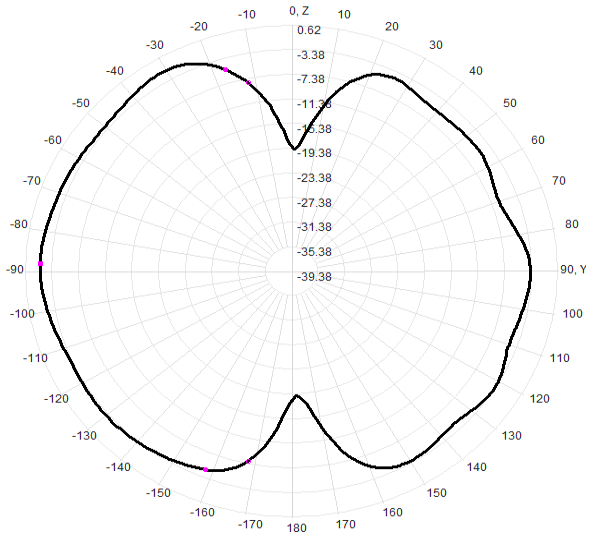
904.0MHz Total(E2-YZ), Max= -1.59dBi



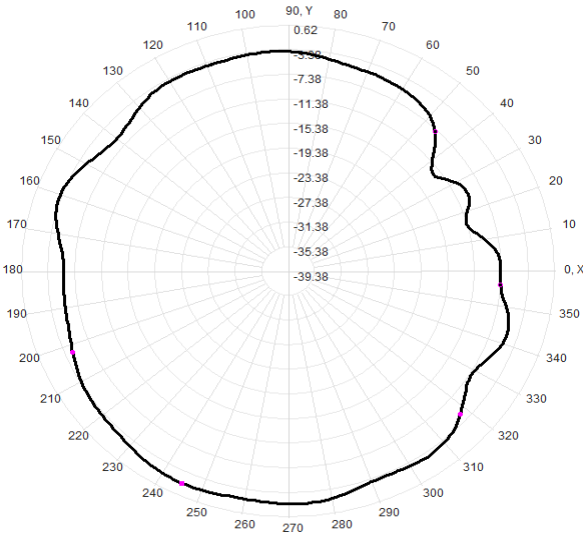
Total(H-XY), Max= -1.45dBi, CirD=11.18



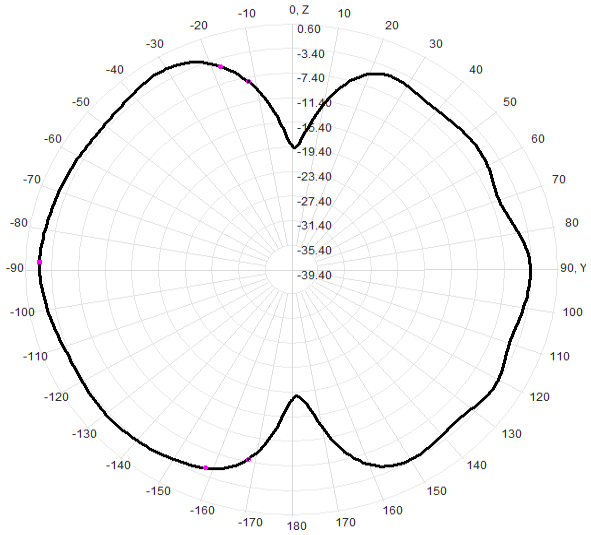
905.0MHz Total(E2-YZ), Max= -1.61dBi



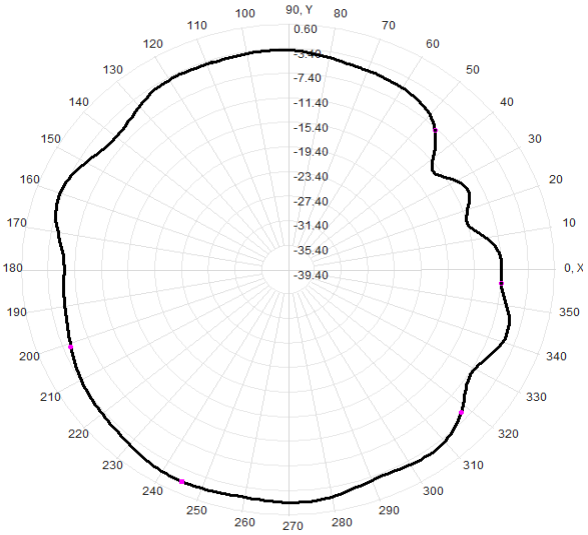
Total(H-XY), Max= -1.49dBi, CirD=11.09



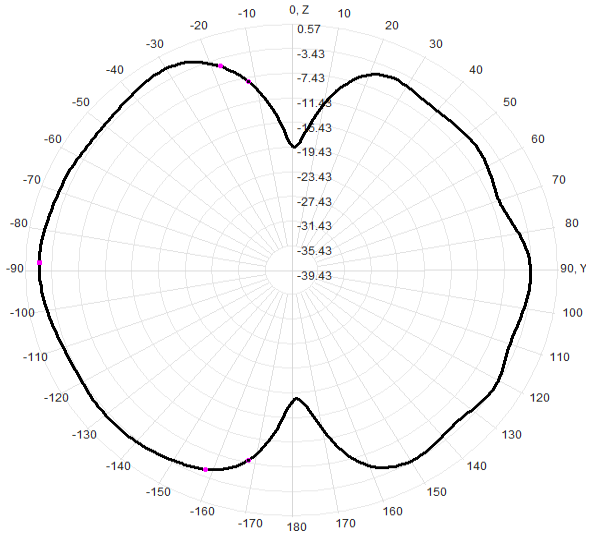
906.0MHz Total(E2-YZ), Max= -1.56dBi



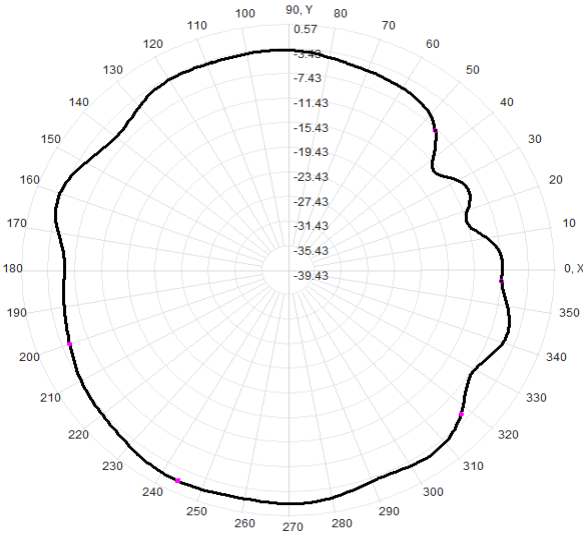
Total(H-XY), Max= -1.48dBi, CirD=10.99



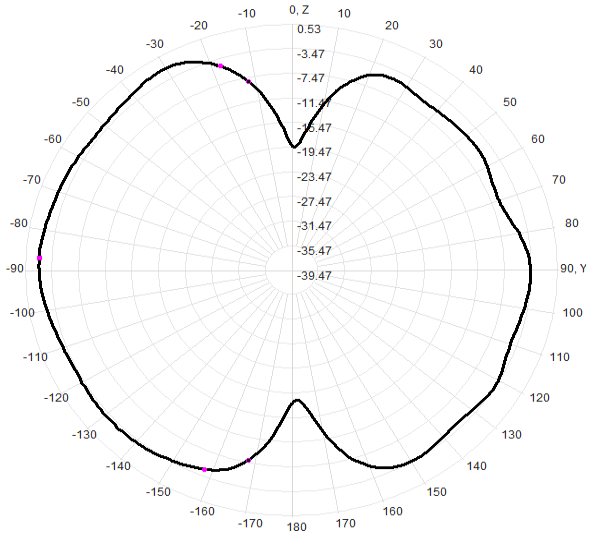
907.0MHz Total(E2-YZ), Max= -1.52dBi



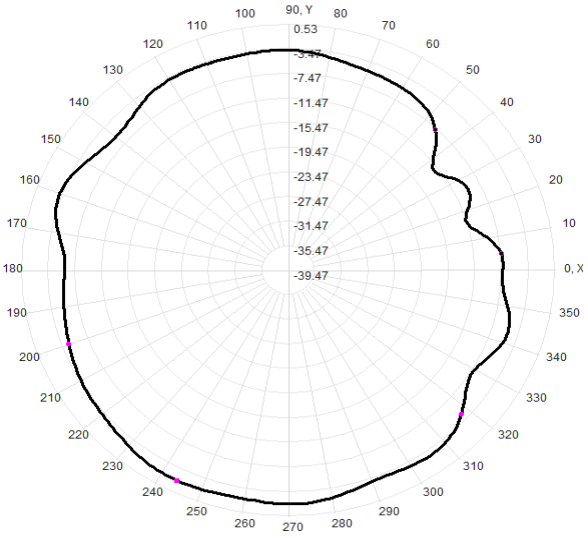
Total(H-XY), Max= -1.48dBi, CirD=10.90



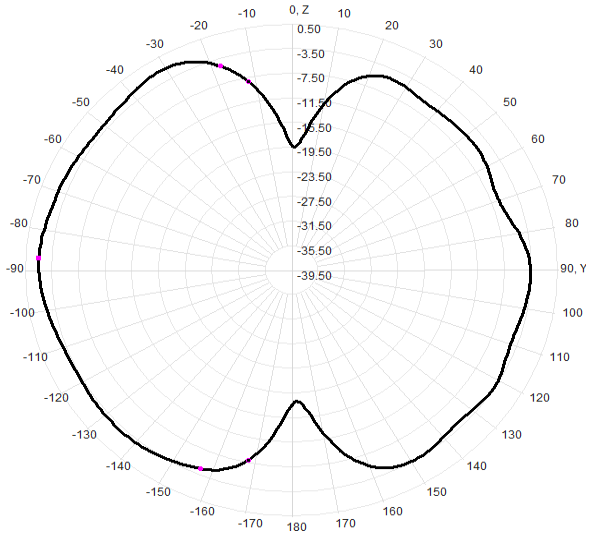
908.0MHz Total(E2-YZ), Max= -1.52dBi



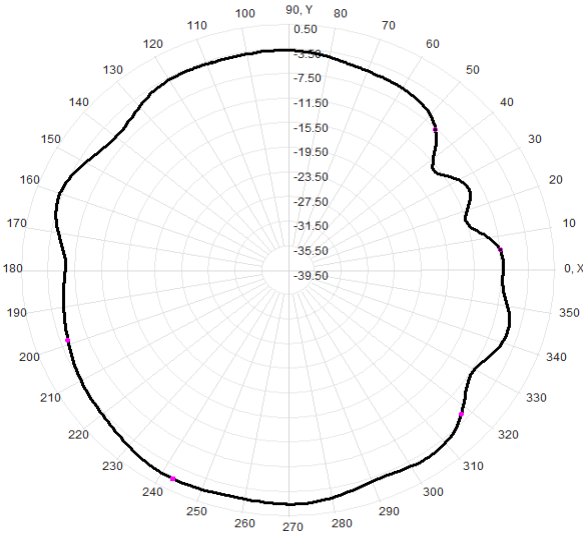
Total(H-XY), Max= -1.49dBi, CirD=10.84



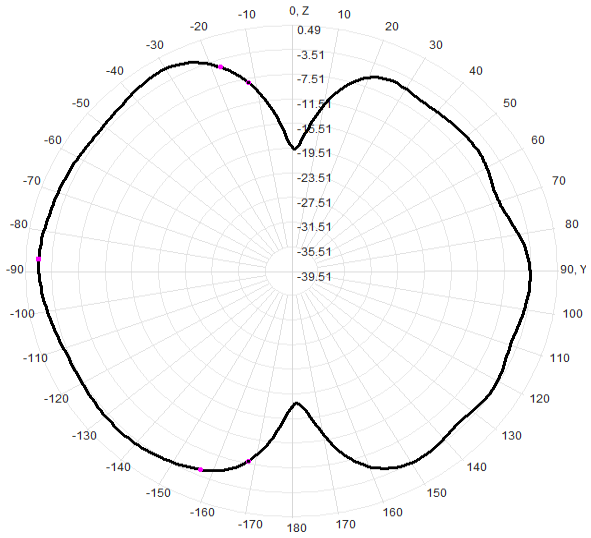
909.0MHz Total(E2-YZ), Max= -1.51dBi



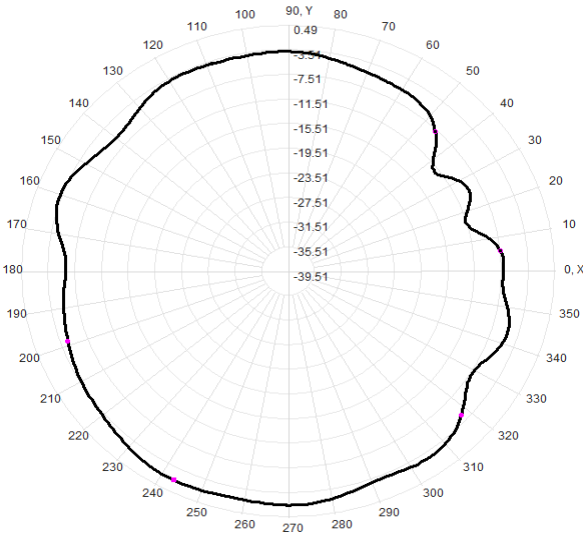
Total(H-XY), Max= -1.51dBi, CirD=10.78



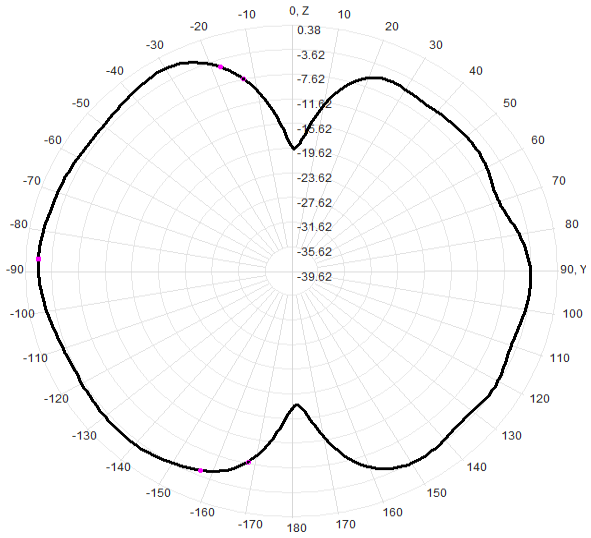
910.0MHz Total(E2-YZ), Max= -1.52dBi



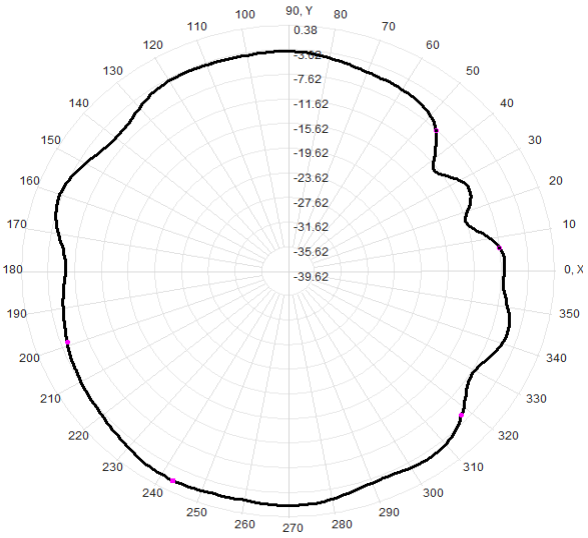
Total(H-XY), Max= -1.54dBi, CirD=10.75



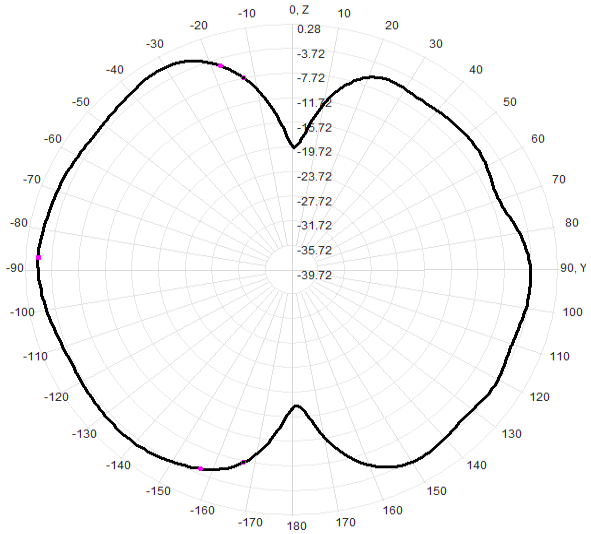
911.0MHz Total(E2-YZ), Max= -1.56dBi



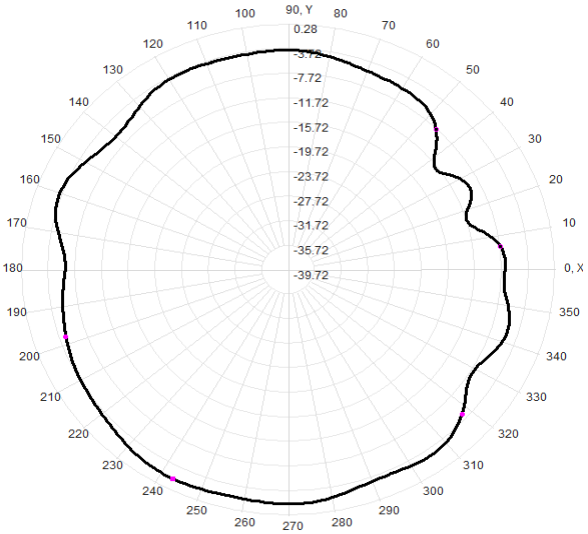
Total(H-XY), Max= -1.58dBi, CirD=10.70



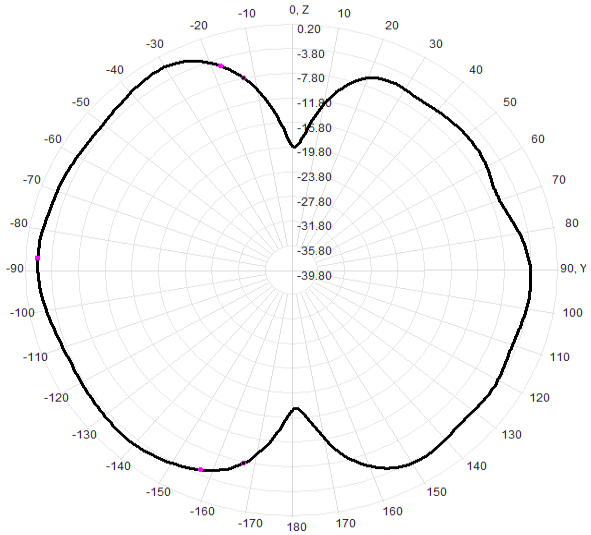
912.0MHz Total(E2-YZ), Max= -1.60dBi



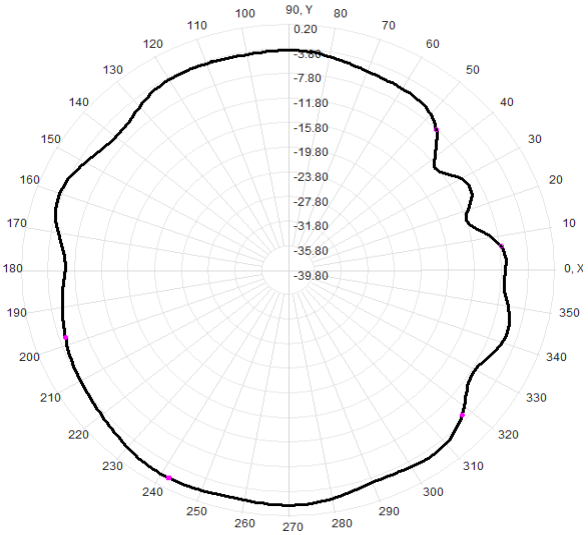
Total(H-XY), Max= -1.61dBi, CirD=10.65



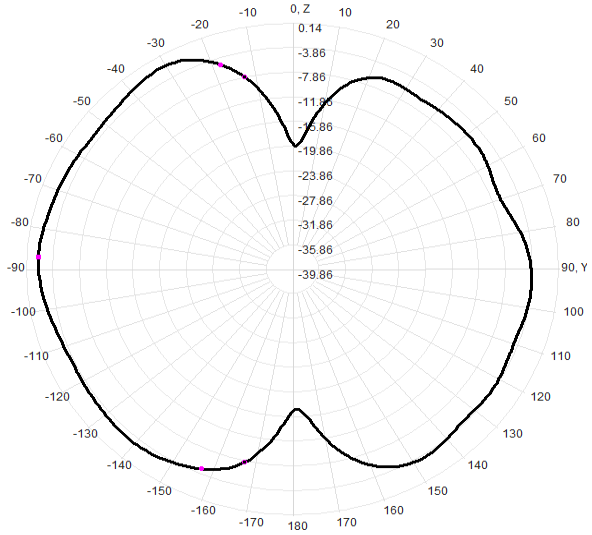
913.0MHz Total(E2-YZ), Max= -1.63dBi



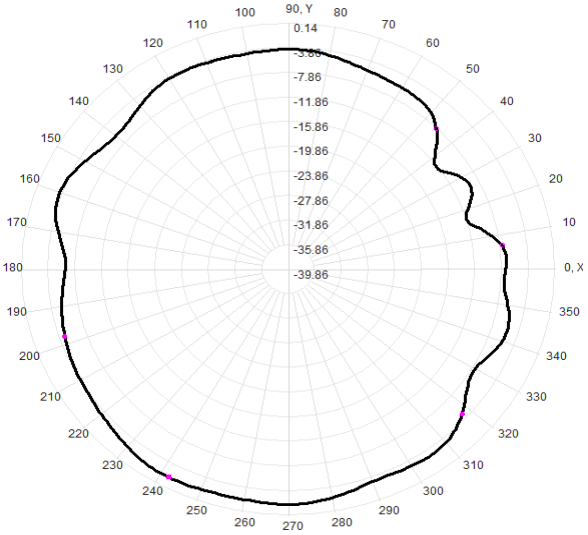
Total(H-XY), Max= -1.65dBi, CirD=10.59



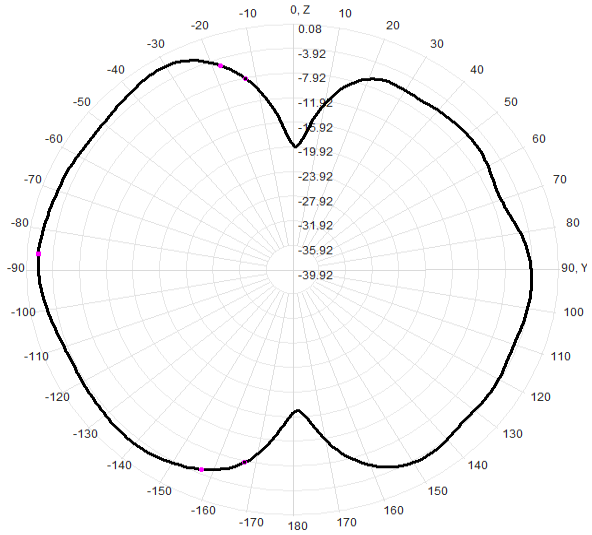
914.0MHz Total(E2-YZ), Max= -1.64dBi



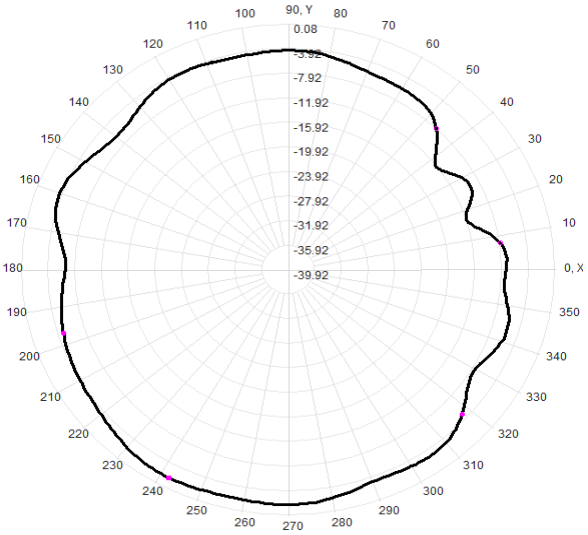
Total(H-XY), Max= -1.66dBi, CirD=10.53



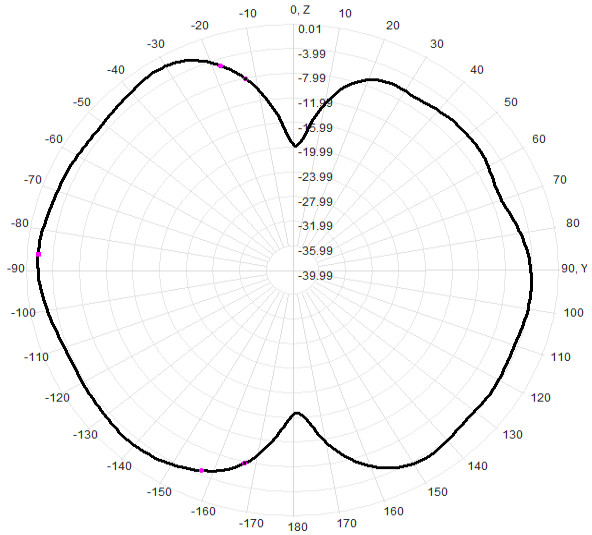
915.0MHz Total(E2-YZ), Max= -1.65dBi



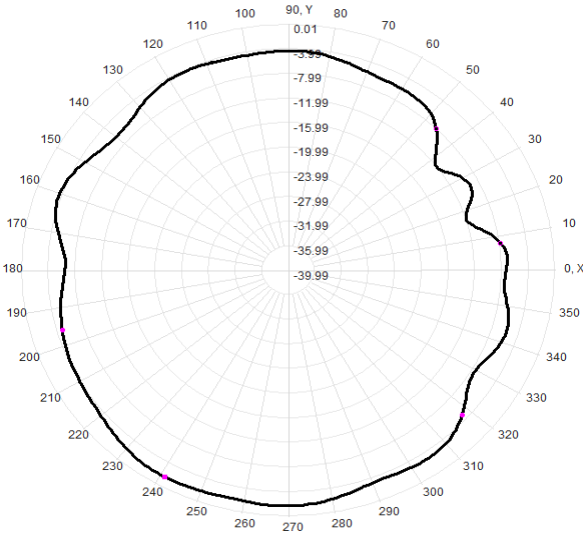
Total(H-XY), Max= -1.69dBi, CirD=10.46



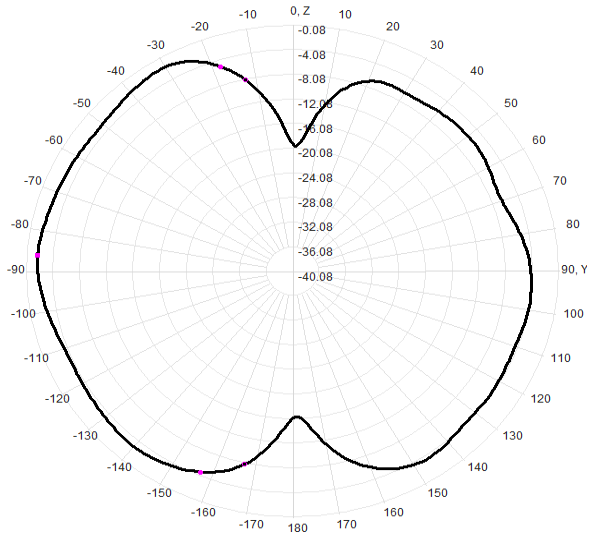
916.0MHz Total(E2-YZ), Max= -1.67dBi



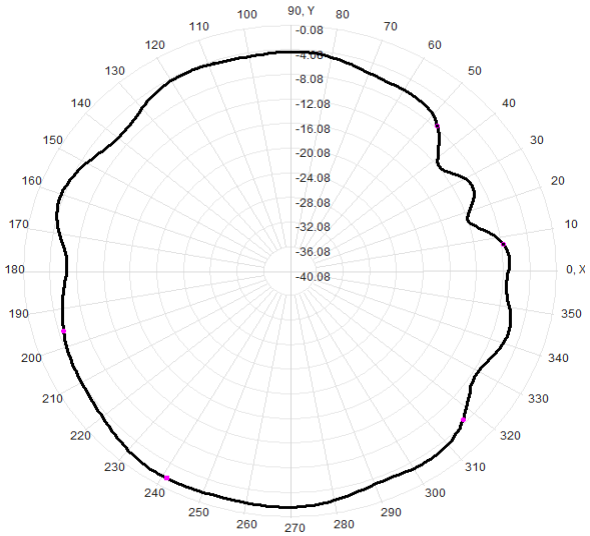
Total(H-XY), Max= -1.71dBi, CirD=10.42



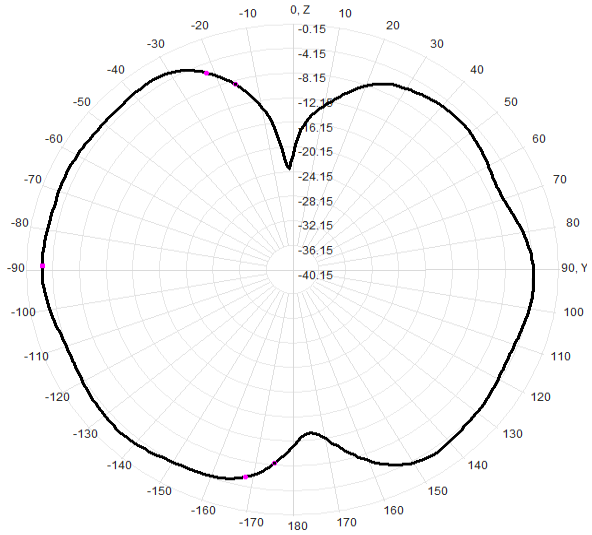
917.0MHz Total(E2-YZ), Max= -1.70dBi



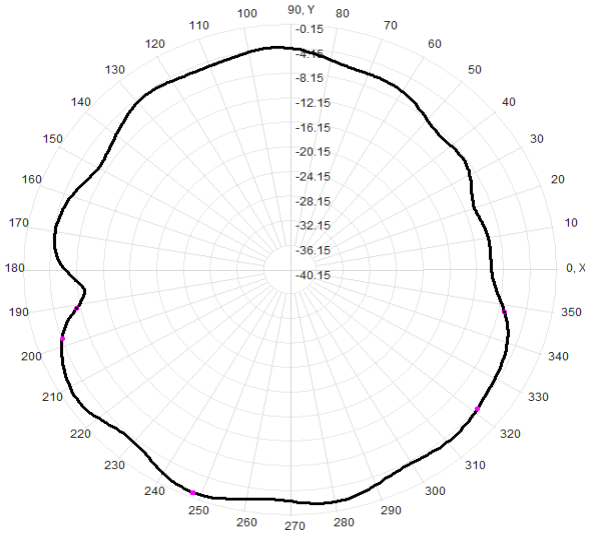
Total(H-XY), Max= -1.73dBi, CirD=10.46



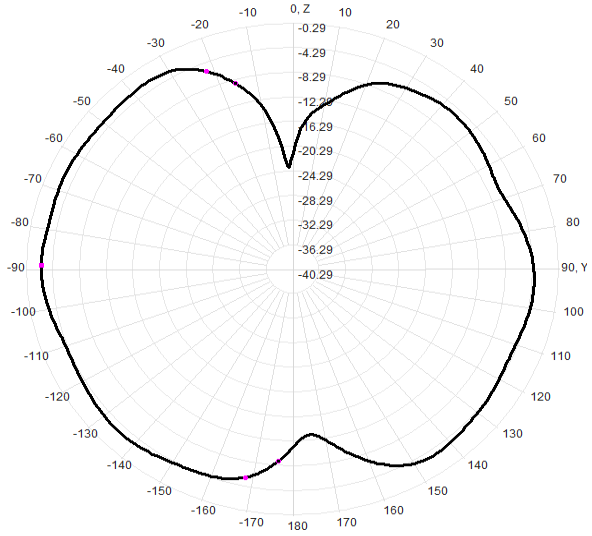
918.0MHz Total(E2-YZ), Max= -2.53dBi



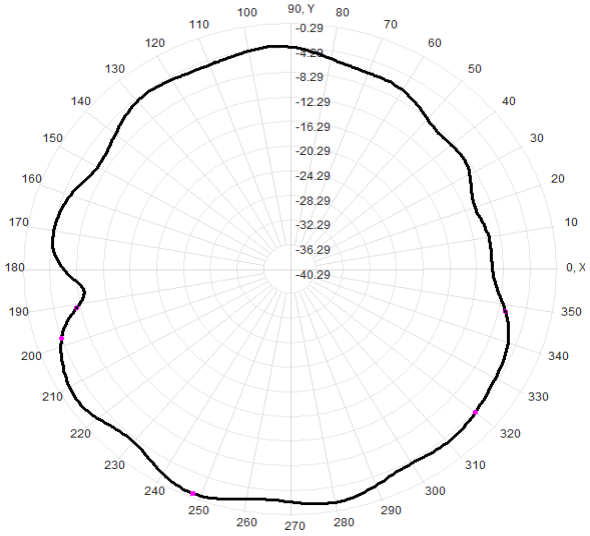
Total(H-XY), Max= -1.13dBi, CirD=9.68



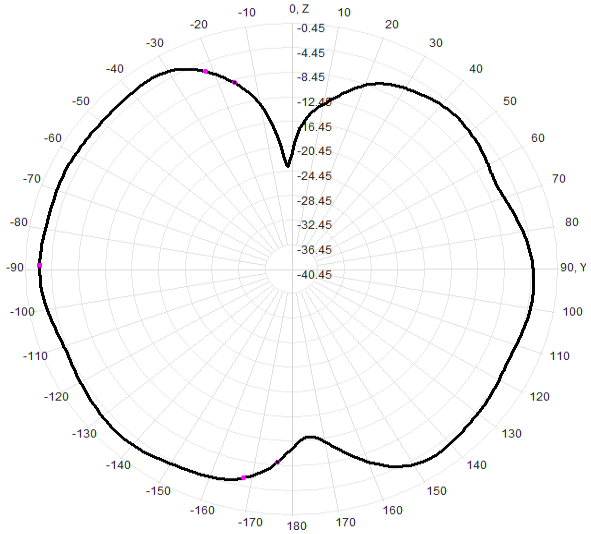
919.0MHz Total(E2-YZ), Max= -2.57dBi



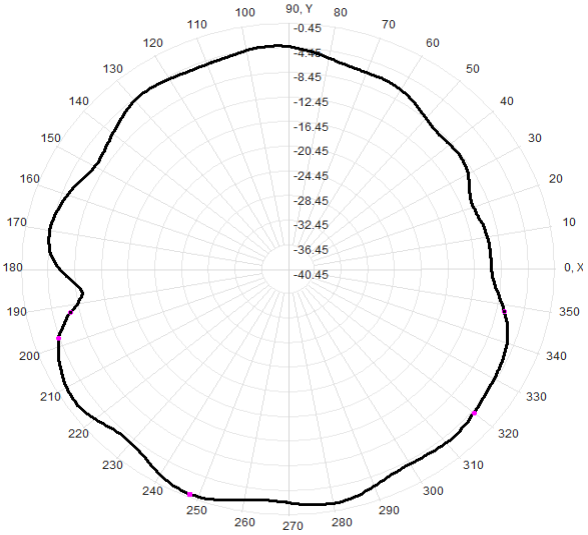
Total(H-XY), Max= -1.14dBi, CirD=9.77



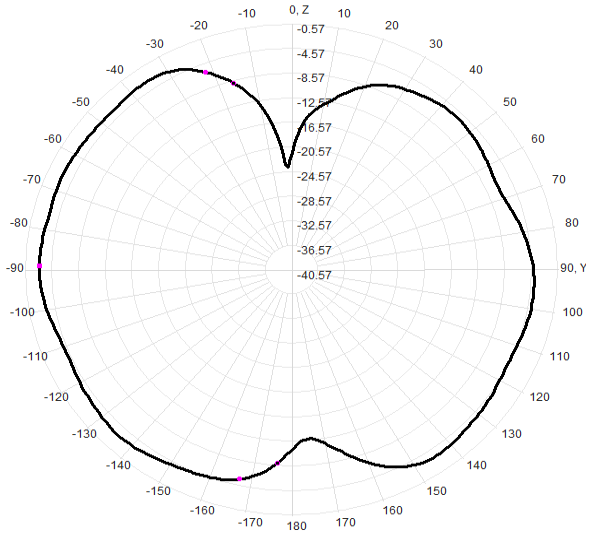
920.0MHz Total(E2-YZ), Max= -2.61dBi



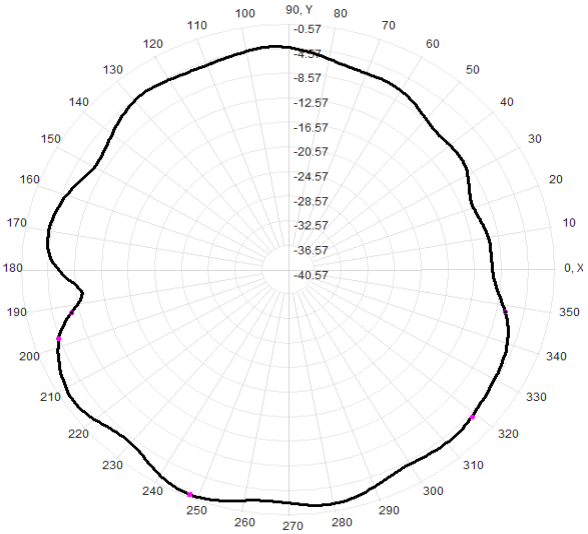
Total(H-XY), Max= -1.14dBi, CirD=9.84



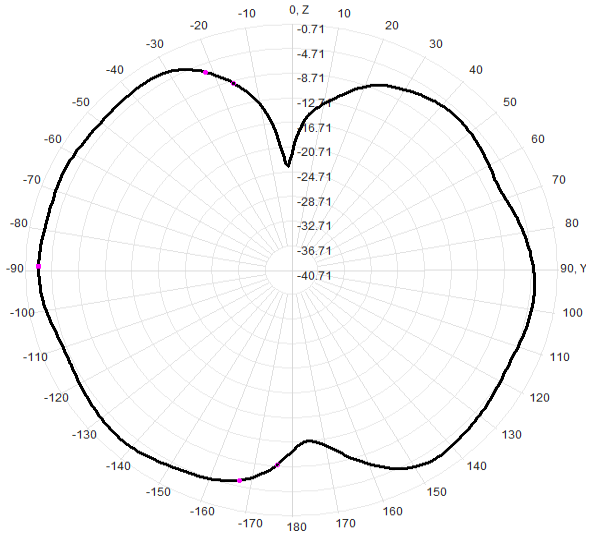
921.0MHz Total(E2-YZ), Max= -2.67dBi



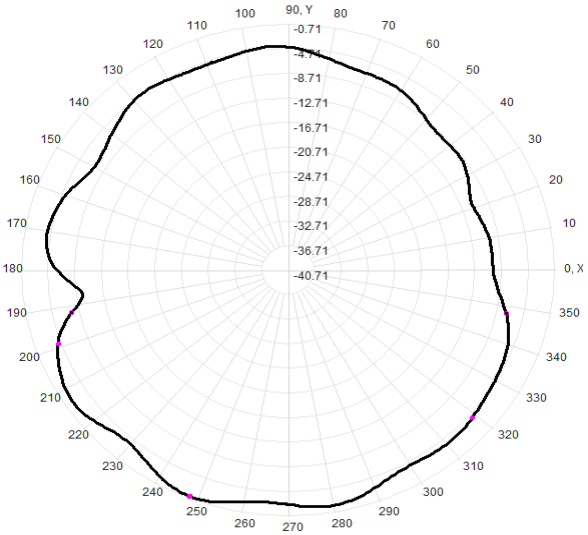
Total(H-XY), Max= -1.18dBi, CirD=9.91



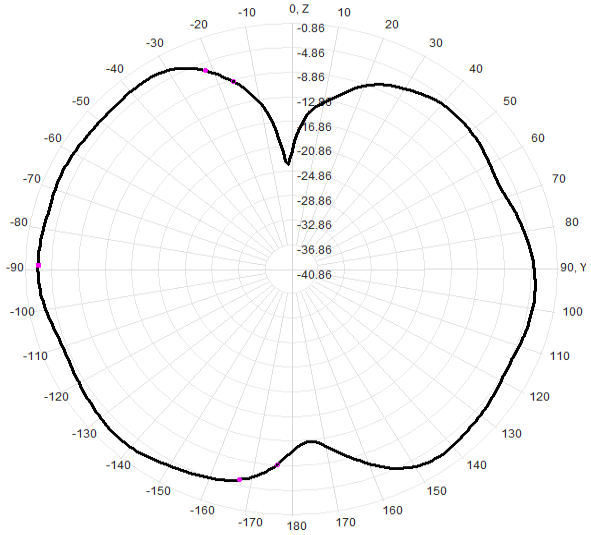
922.0MHz Total(E2-YZ), Max= -2.73dBi



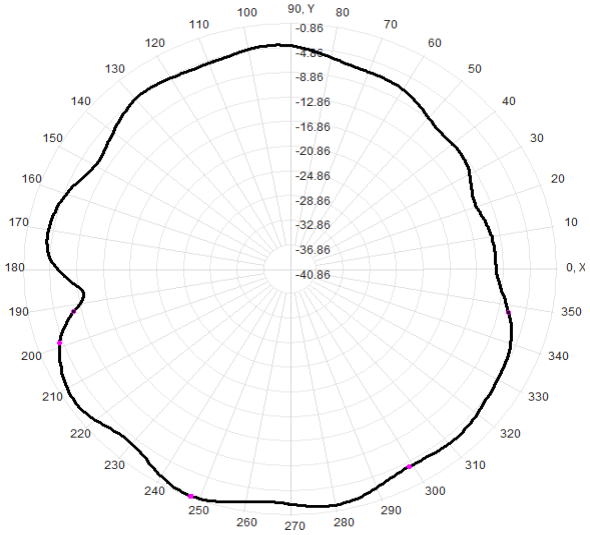
Total(H-XY), Max= -1.20dBi, CirD=9.98



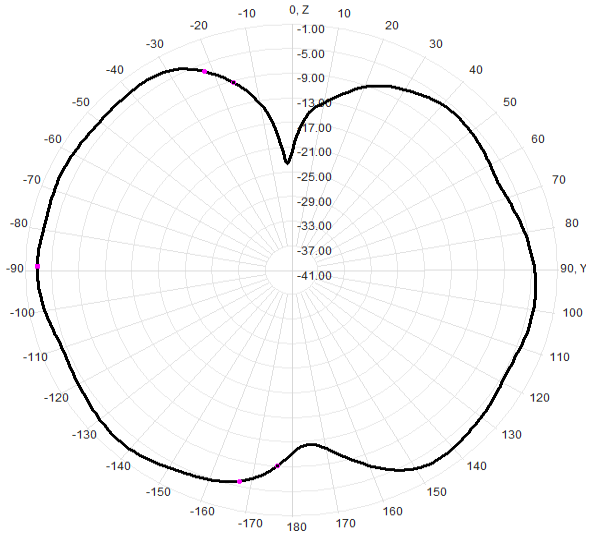
923.0MHz Total(E2-YZ), Max= -2.77dBi



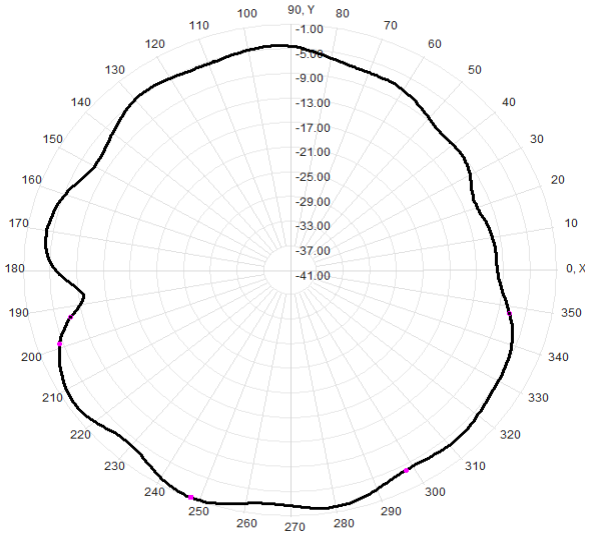
Total(H-XY), Max= -1.22dBi, CirD=10.01



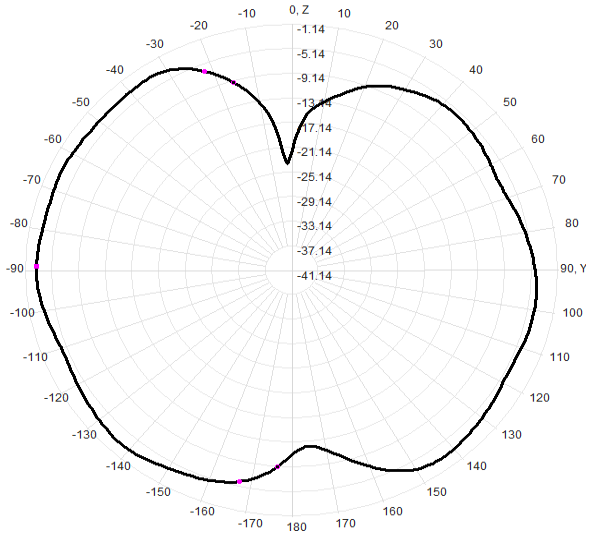
924.0MHz Total(E2-YZ), Max= -2.81dBi



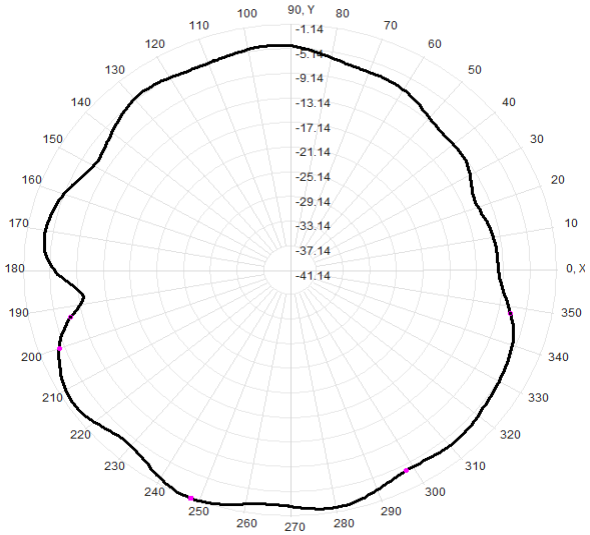
Total(H-XY), Max= -1.24dBi, CirD=10.04



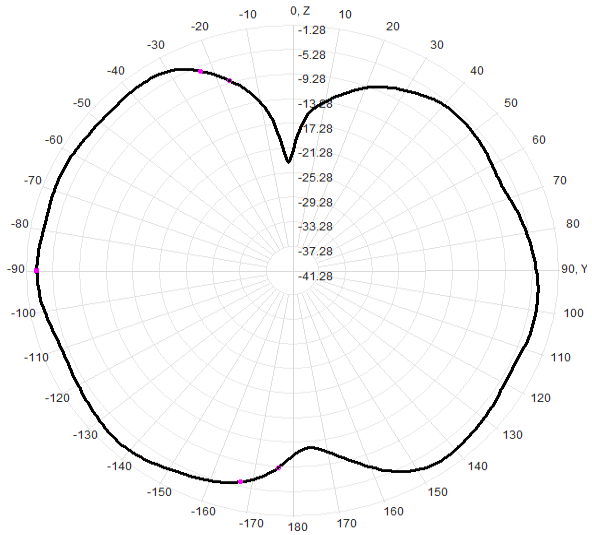
925.0MHz Total(E2-YZ), Max= -2.84dBi



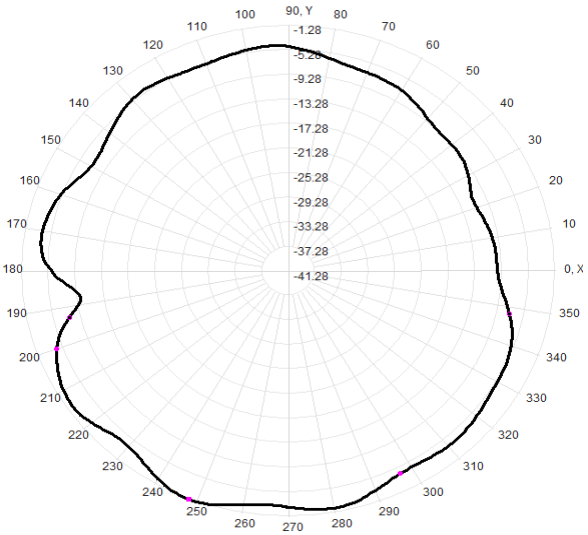
Total(H-XY), Max= -1.24dBi, CirD=10.05



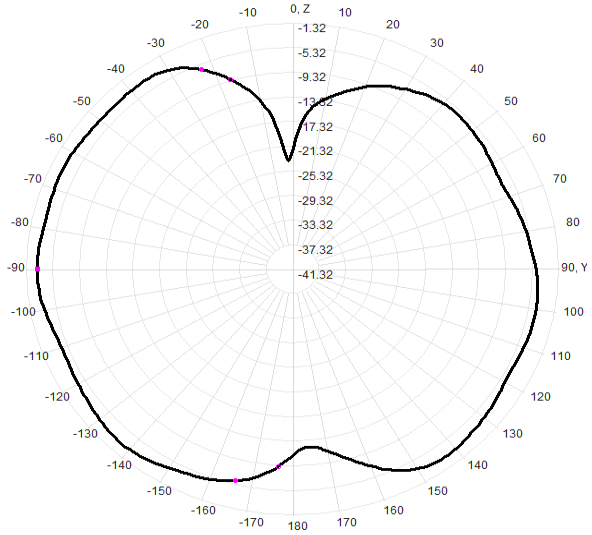
926.0MHz Total(E2-YZ), Max= -2.90dBi



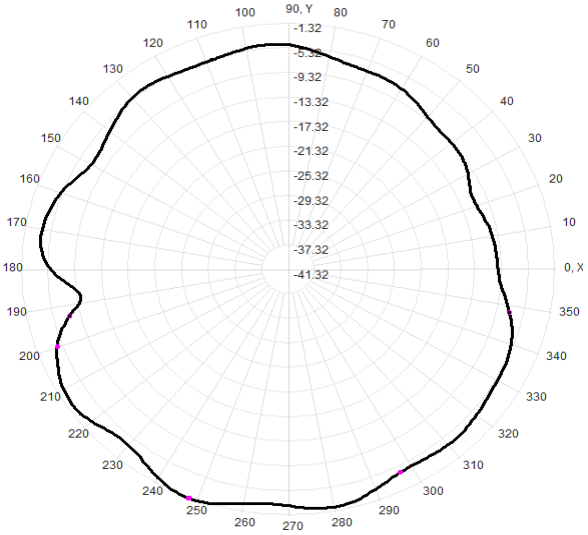
Total(H-XY), Max= -1.28dBi, CirD=10.07



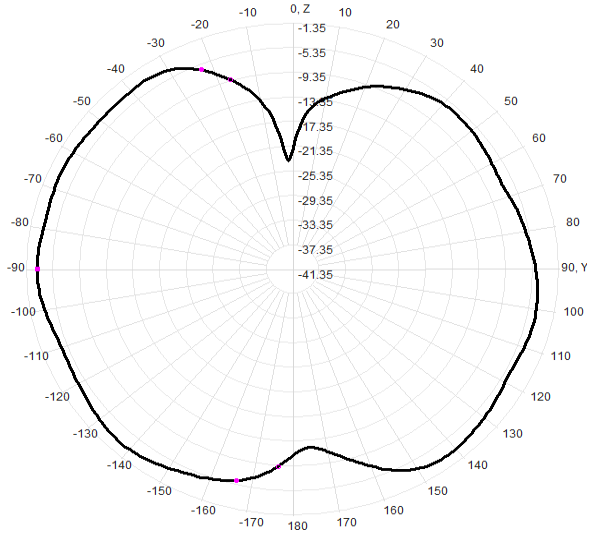
927.0MHz Total(E2-YZ), Max= -2.95dBi



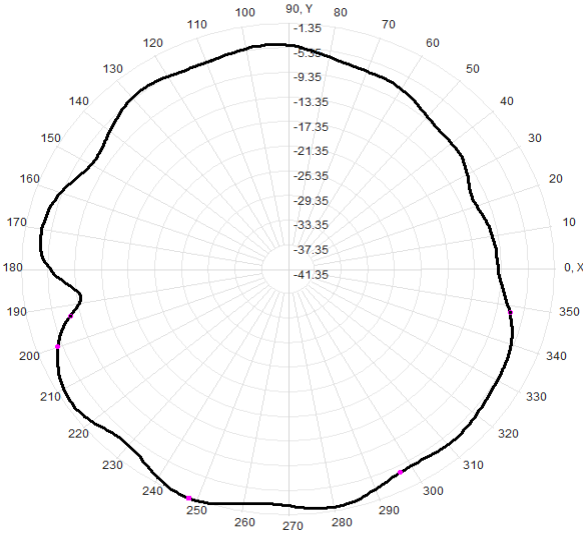
Total(H-XY), Max= -1.32dBi, CirD=10.08

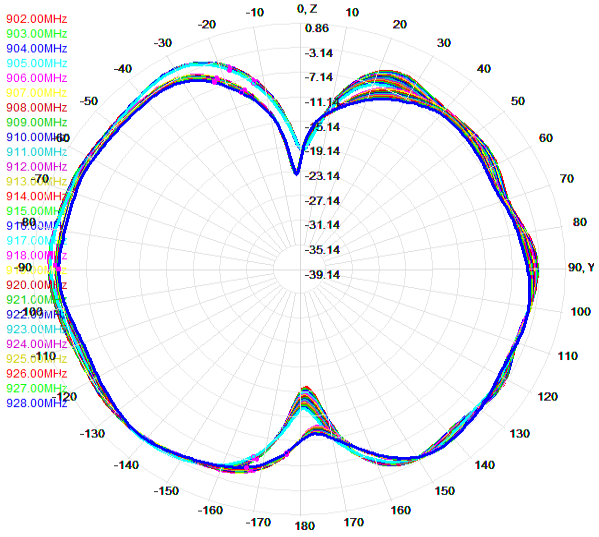


928.0MHz Total(E2-YZ), Max= -2.99dBi



Total(H-XY), Max= -1.35dBi, CirD=10.10

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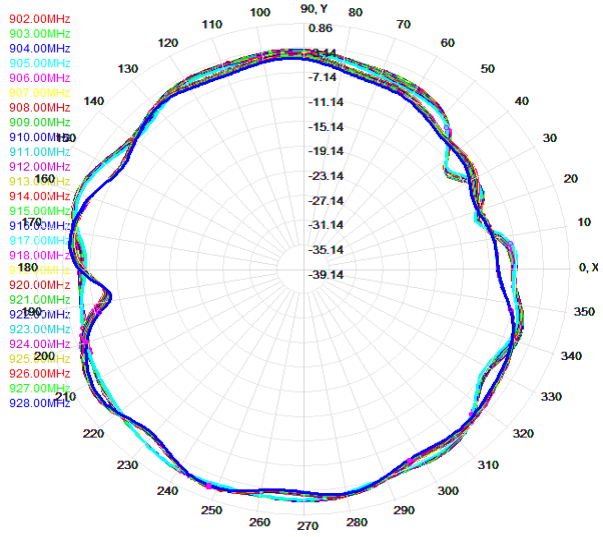
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0.86
-7.14
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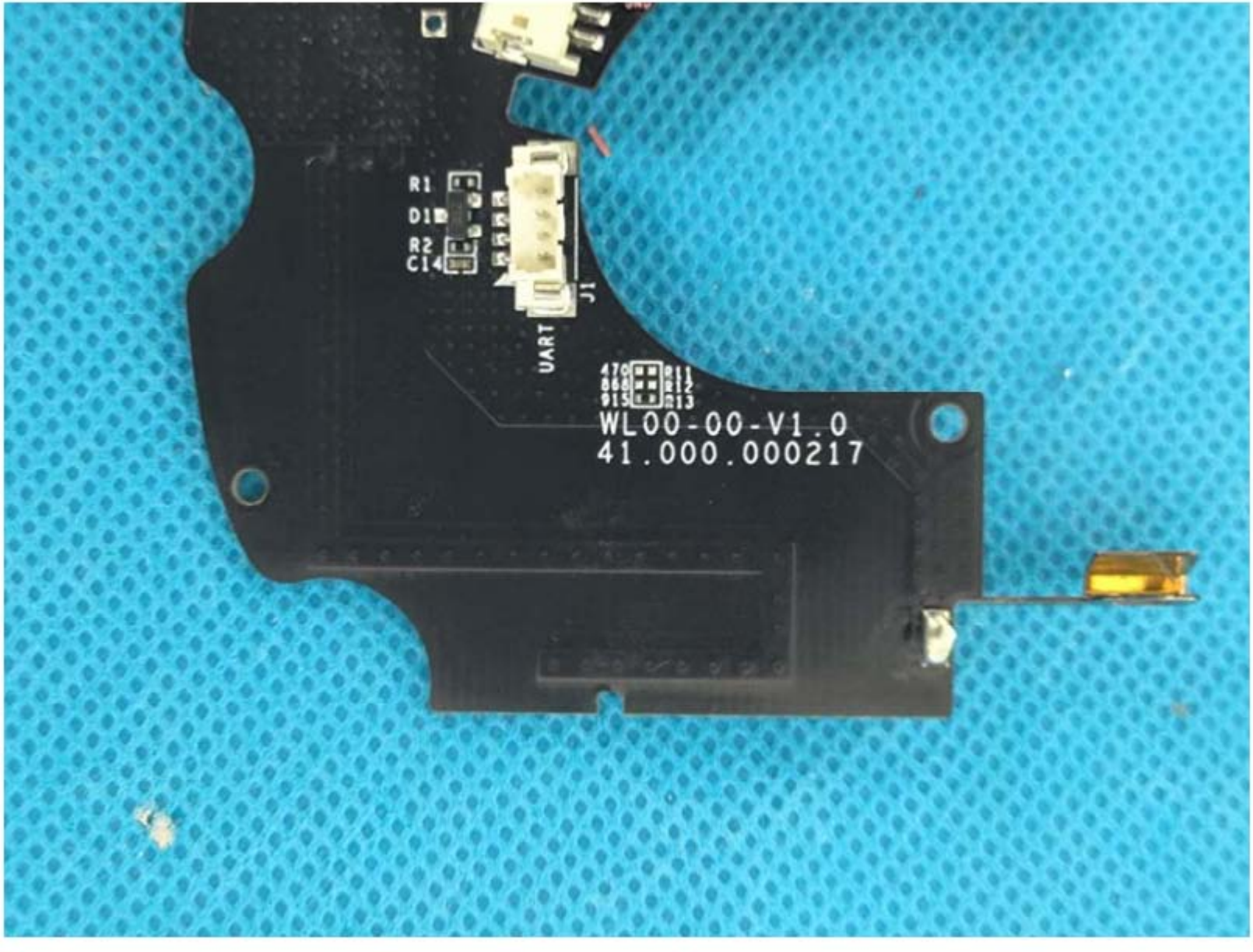
Lora Front Antenna



Lora Back Antenna